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Modern Machine Knitting

March 1987

FREE COMPETITION
3 fabulous knitting machines to be won.

STARTS THIS MONTH
Children's novelty Fair Isle designs.

ACCESSORISE WITH STYLE
Co-ordinate your outfits with shawls and headwraps.

Plus all our usual Knitting machine hints, tips and ideas.

FROM THE EDITOR

The competition entries we've been receiving for our January competition — a chance to win the ultimate knitting system — have been absolutely astounding. At the moment, I can hardly see my desk for entry forms, and that's only today's post. My only worry is that so many of you are going to be disappointed not to win — if only I could give you all a prize! Never mind, we've got another super competition for you this month and I've organised more prizes this time so that a few more of you can win. I've decided that the winners of our competitions will not be notified until after the results have been published in this magazine — that way it'll be more exciting, don't you think? You'll be able to look up the competition results not knowing whether you've won or not instead of ignoring the results, safe in the knowledge that you haven't won because no-one's contacted you.

This month we've published a very interesting letter which was sent to us by Barbara Densley. Barbara was most concerned by our use of kapok for padding a baby's pram cover (featured in the January issue) and once you've read Barbara's letter you'll understand why. It's so nice to know that Modern Machine Knitting is a two-way thing — not just us talking to you but also you talking back, sending us your ideas, comments and opinions. It makes the whole thing so much more interesting.

Those of you who read my letter last month may be wondering how my trip to New Zealand went — it was wonderful! But then we all knew it would be, didn't we? However, even on the other side of the world nothing changes. I picked up the local paper to have a leisurely browse and what was the first thing my eyes fell upon — "Hastings Machine Knitting Club hold a Charity Fashion Show". I might add that's Hastings, New Zealand not Hastings, England. Wouldn't it be nice if the knitting clubs in Hastings, New Zealand and Hastings, England, could become pen-pals? If you belong to a knitting club overseas and would like to be put in touch with a twin knitting club here in the UK, why not drop us a line and we'll see what we can do?

Bye for now

Loraine

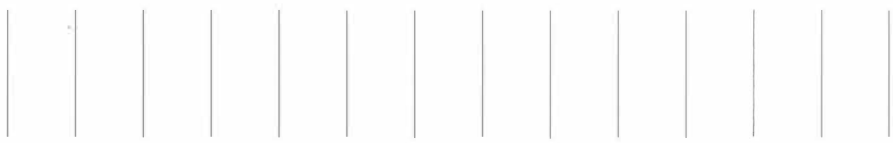
WHAT GAUGE IS MY MACHINE?

Many of you have written to Modern Knitting asking us to explain more clearly about the gauges of different knitting machines.

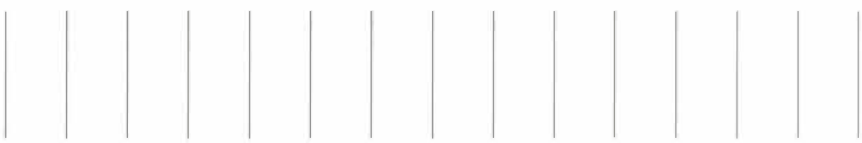
As you know, we tend to state which gauge of knitting machine each pattern is suitable for rather than which model of machine. These days there are so many different makes and model of machine around that it is almost impossible to list which machines will do what. So we decided to plump for telling you which gauge.

However, not everyone knows which gauge of machine they own. To make it easier for you, we have printed below a series of charts to illustrate the different gauges of machine we cater for. To find out which gauge your machine is, simply slip the charts under the needles until you find one where the needles on your machine coincide with the lines on the chart. If your machine doesn't match any of the charts, pick the one closest to it but expect to be disappointed occasionally because you won't always be able to acheive the correct tension.

9mm Chunky

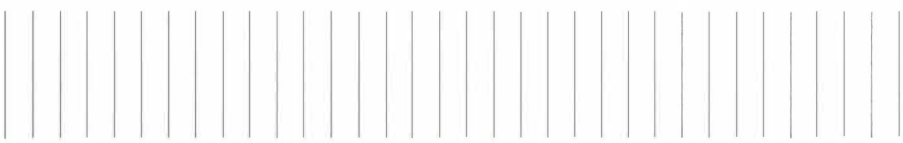


8mm Chunky



Standard Gauge 4.5mm

Fine Gauge 3.6mm



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Modern Machine Knitting

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Modern Machine Knitting is published monthly by Modern Knitting Ltd., P.O. Box 175, Kingston-upon-Thames, Surrey KT2 6HA. Trade Distribution through Diamond-Europress Sales & Distribution, Unit 1, Burgess Rd., Ivyhouse Lane, Hastings, East Sussex TN35 4NR. Tel. (0424) 430422 / 422928 and (0424) 438800 24 hour.

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Knitline

Knitting Courses

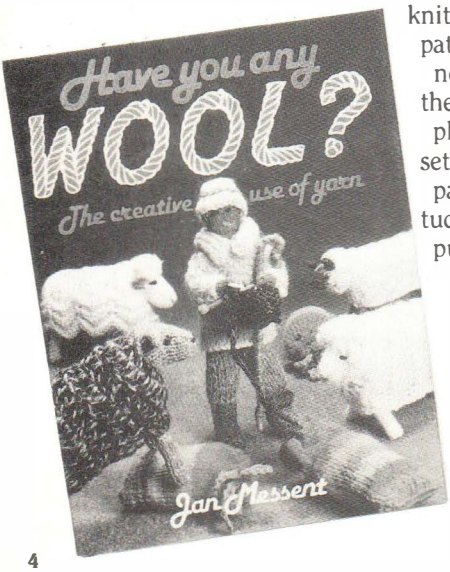
Three new courses are being introduced at the Knitmaster Tuition Centre, 18 Little Westgate, Wakefield, Yorkshire. These are courses on Jacquard knitting, Zippy 90 and the YC6 colour changer. Although Jacquard and the YC6 are already covered in one of the centre's existing courses, the two new courses will cover these two fascinating aspects of machine knitting in the depth they deserve. To make a booking or for further details, phone the Knitmaster Tuition Centre (Wakefield) on 0924-379736.

Have you any wool?

One of the most delightful books I have seen for a long time is not a book for machine knitters but a book of handknitted and crocheted nick-nacks. Sacrilege I hear you cry, why tell us about yet another book for handknitters. The answer is that I found it quite inspirational and felt sure that many of you would enjoy this book too.

"Have you any wool?" is filled with lots of items and ideas which will easily translate into machine knitting and, because most of the items are small, I must admit I'm not even adverse to doing a little handknitting or crochet one evening just for a change.

"Have you any wool?" by Jan Messent is published by Search Press and is available from good bookshops for £11.95. If you have any problems finding it in your area, write to Search Press Ltd, Wellwood, North Farm Rd, Tunbridge Wells, Kent, or failing that ask for it at your local library — it's certainly worth a look.



Zippy Goes Fine

Since its launch, Knitmaster's Zippy 90 has become one of Britain's favourite chunky knitting machines — easy to learn, simple to use, sturdy and reliable.

Now the warmer weather is in sight, there's a need for an equally easy to use machine which produces finer knitting. Knitmaster are delighted to announce the arrival of Zippy de-luxe, with instant punchcard patterning.

The new Zippy de-luxe adores the finer yarns like 3 and 4ply and with a fully automatic punchcard patterning system, Zippy de-luxe will knit your choice of stitch pattern over all 200 needles. Just pop one of the ten punchcards supplied into the machine, set the lever to the stitch pattern of your choice — tuck, slip, Fair Isle or punch lace — and knit.

The advanced design of the Zippy de-luxe carriage actually memorises each pattern, and transfers it straight to the needles — you can't find a quieter, smoother and faster pattern system.

The Zippy de-luxe instruction book was planned and written in England, so it's easy to read and understand. Follow the book step-by-step from unpacking the machine to knitting your first garment. Every hiccup a beginner might encounter has been solved without it ever becoming a problem.

Zippy de-luxe is a standard gauge machine, so there's no shortage of patterns. If you prefer to make your own garment shapes, the Knitmaster Pattern Pack, or Knitmaster's KR-7 Knitradar can open up a whole new world of knitwear for you.

There's a whole range of useful accessories for Zippy de-luxe — a ribber, lace carriage, intarsia carriage, a weaving arm, a single and double bed colour changer, rib transfer carriage, and a linker. Start with a very competitively priced, versatile knitting machine, and add accessories as your skills develop. Build your Zippy de-luxe into a complete knitting system that you will never outgrow.

Zippy de-luxe is available from your local Knitmaster stockist now. Ask him to introduce you to instant punchcard patterning with a Knitmaster Zippy de-luxe.

Suggested retail prices:
Zippy de-luxe for instant punchcard patterning ... £256
Zippy 90 for instant chunky knitting ... £125.

BARBARA's KNIT-INN MACHINE CENTRE
23A Market Place
Great Bridge
Tipton, West Midlands
Tel: 021-520 6963

Now booking one day courses on Knitmaster machines. For Beginners and Advanced knitters with specialist courses on intarsia and cut and sew techniques. Usually on Saturdays. Closed on Thursdays. Accommodation can be arranged. For written information, please enclose S.A.E.

SPECIAL DISCOUNT FOR GROUPS FROM KNITTING CLUBS
Knitmaster Stockist

Competition Results

In October '86 we featured a competition where you had the chance to win a Knitmaster Steam Press while in November there was the chance to win the 'Dream Machine' — Knitmaster's SK550 electronic knitting machine.

Sorry to have kept you waiting so long for these results, but we can now put you out of your misery. Are you the lucky winner?

October '86
The winner of October's competition is Mrs. Brenda Lellan, Woodlesford, Leeds. Congratulations Brenda! Your Knitmaster Steam Press will be with you shortly.

November '86
The winner of November's competition is Mrs. M. Grinsted, Cliftonville, Margate. Congratulations Mrs. Grinsted. Your Knitmaster SK550 electronic knitting machine will be arriving very soon.

January '87
If you've entered our January competition, you will only have to wait until next month to find out if you've won the ultimate knitting system. The result will be published in our April issue — could you be our lucky winner?

FREE COMPETITION

PRIZES GALORE

3 fabulous knitting machines to be won

20 cones of beautiful yarns to be won

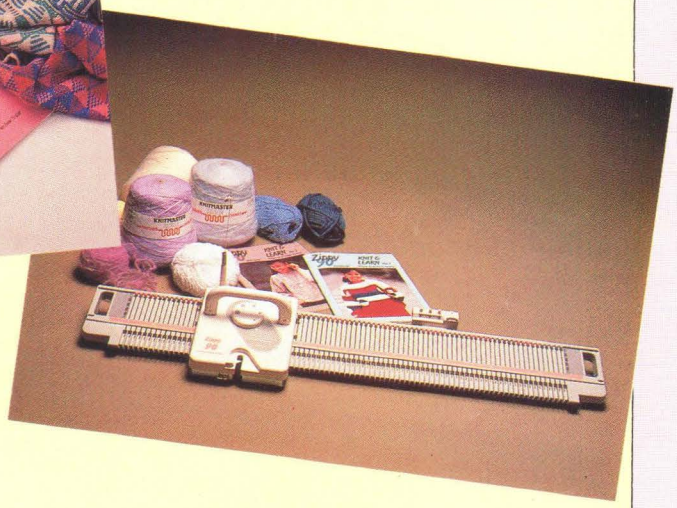
1st PRIZE Zippy de-luxe —the very latest in standard gauge punchcard knitting.

TWO 2nd PRIZES Zippy 90 —the easy-to-learn, simple-to-use chunky machine.

TEN RUNNERS-UP PRIZES Knitmaster Bouclé — the loveliest coned fancy yarn you've ever seen.

Knitmaster's exclusive new Bouclé fashion yarn comes on 500g cones, in a choice of twenty-one beautiful shades. This yarn is perfect for suits, and with 1,000 grams as the prize, each runner-up will have enough to knit a skirt and matching top.

This month we're giving away 3 fabulous knitting machines and 20 cones of beautiful yarn. And all you have to do to win one of these terrific prizes is answer the questions (you'll find the information you need on pages 50 and 51), complete the tie-breaker and send your completed entry form to reach us no later than April 10th. Good luck!



ENTRY FORM

Answer the following questions:

1	Which knitting machine has recently become the fastest selling knitting machine ever? .....
2	What is the special Knitmaster 'action' which makes Zippy 90 and Zippy de-luxe so smooth, fast and easy to use? .....
3	How many different add-ons are available to build Zippy de-luxe into a knitting system you'll never outgrow? .....
4	How many needles does Zippy de-luxe have? .....

Now complete the following sentence in not more than 15 words.

I would like to win a Zippy machine because

.....

.....

.....

.....

Name .....

Address .....

.....

.....

(Block Capitals please)

.....

Send your completed entry form to reach us no later than April 10th, 1987.
Modern Knitting Ltd., P.O. Box 175,
Kingston-upon-Thames,
Surrey KT2 6HA

RULES

1. This competition is open to everyone except Knitmaster and Modern Knitting employees and their relatives.
2. No entries will be accepted after April 10th, 1987.
3. The decision of the judges is final and no correspondence will be entered into regarding the prize winners.
4. No cash alternative will be offered.
5. The result of this competition will be published in the May issue of Modern Knitting.

MACHINE KNITTING YARNS ON CONE

Yarns I have tested for you this month include a variety of wools, cottons, mohair and other fancies. Some of them come from names well known to us such as Amber Yarns and King Cole, others less well known like the Yorkshire Mohair Mill. The range is broad, reflecting the truly amazing selection of yarns available to the Modern Machine Knitter. I have found some luscious chunky yarns, including a luxury 100% Alpaca, a very interesting cotton/acrylic mixture from Patsy Yarns, as well as some standard acrylic and acrylic mixtures for basic family knitting.

KIWI,
Rebecca Mills,
Rebecca Street,
Bradford BD1 2YR.
Must be one of the largest suppliers of coned yarns in the U.K. Send for their comprehensive shade card which includes a huge range of all types of yarns. From baby wools to more exotic yarns such as their Sparkling 4ply which is made up of 80% Acrylic, 20% nylon and comes in 8 colours on 340 gm cones. Try also their Sparkling DK which comes in 7 shades.

Kiwi Acrylic comes in 29 colours making this one of the largest ranges of acrylic yarns available while for a slightly harder yarn perfect for children's school sweaters, Kiwi Wool/Nylon is available on a 500 gm cone. Kiwi Wool/Nylon is available in 23 colours which includes all the school colours such as navy blue, bottle green, maroon and grey, as well as some very pretty shades like Mint Green, Peacock, Bracken and Buttercup. For a Kiwi luxury yarn, how about their 2ply

Crepe? A very special acrylic yarn consisting of 14 colours and perfect for knitting glamorous evening wear, cocktail dresses and any outfit for that special occasion.

Last, but not least, if you are looking for a good quality, reasonably priced Aran for your Chunky machine, there's Kiwi All Wool Aran which is scoured and comes on a 1000 gm cone. Marriners All Wool Aran from the same shade card is a Pure New Wool also on a 1000 gm cone and comes in Natural, Denim Blue, Scarlet, Mink and Light Blue. Still thinking about your Chunky Machine? Then you absolutely must send for a shade card from:

The Yorkshire Mohair Mill,
Mohair Mills,
Gibson Street,
Bradford BD3 9TS.

What a treasure trove you will find within! One of my favourites is their Space Dyed Gold Award Mohair, 78% mohair, 13% wool, 9% nylon which is available on 400 gm cones, 9 interesting mixtures of colourways, ranging from moss greens to pale pastels. Or their Kaleidoscope Collection which is composed of the same proportions of yarns and comes in an incredible 45 colours! A truly divine range of mohair colours in the brightest cerise pinks, crimson, emerald and rich purple, as well as all the autumn woodland colours of palest fawn through to deep russets. Add the whole spectrum of pastels and greys and you have the most magnificent range of mohair yarns ever. Kaleidoscope also comes on 400 gm cones, just enough to knit yourself a simple, mohair sweater.

Cocktail, also from the Yorkshire Mohair Mill is available in 27 shades, each one being a very subtle mix of colours which add up to a rich, gorgeous range of cocktail time mohair yarns. There are so many wonderful yarns in this shade card that I do not have the space to mention them all here, but I must tell you about Cascade, a dark, sombre range enlivened with a spangle of metallic thread, and their truly marvellous selection of Alpaca yarns. From Designer Chunky, available in 21 luscious colours, Designer DK, also 21 shades, to their Designer 2/8 (equivalent to a 4ply). So standard machine owners will not be excluded from using these terrific Alpacas.

King Cole Ltd.,
Merrie Mills,
Old Souls Way,
Bingley,
West Yorkshire BD16 2AX.

I have mentioned this company in the January issue of Modern Machine Knitting when I reviewed their Angora Look and Machine Washable 4ply yarns. More yarns for your attention must be their Anti-Tickle 4ply. This yarn has so much to recommend it. Its special Anti-Tickle finish means that you can now knit wool for those members of the family that used to complain about it being 'scratchy'. (I know all about this, having one of these difficult customers in my own family!) This yarn is of the highest quality, 100% Pure New Wool, machine washable, soft waxed specially for the machine, and coming in a good range of 30 colours. What more could any machine knitter ask for? Knit everything from baby and toddler clothes to high fashion sweaters for yourself and loved ones. Three Aran yarns from King Cole make a very useful collection. 100% Pure New Wool Aran, comes on 1000 gm cones in Natural only. 100% Acrylic Aran comes on 800 gm cones, also in Natural only, and finally 85% Acrylic, 15% Lambswool Aran is available on 800 gm cones, again only in Natural. These last two Aran yarns are machine washable.

Patsy Yarns,
P.O. Box A 24,
Union Mills,
Milnsbridge,
Huddersfield HD3 4NA.

Do a very nice range of fancy yarns. I especially liked their Tessa, 65% Cotton, 35% Acrylic. This is a very interesting chunky yarn made up of a white slub twisted with a colour. My favourite being the black and white mixture, no. TS 2 on the shade card. This yarn would look great as a soft, big, summer sweater, or even for bath or beach wraps. Tessa Chunky comes on 400 gm cones in 6 different combinations. Another chunky ▶

▶ yarn from Patsy is Sahara. A 100% Acrylic yarn which gives all the appearance of a cotton slub/bouclé. Sahara comes in 8 striking colours; white, banana yellow, lemon yellow, pink, coral, jade green, pale blue and sea blue. Another great yarn for summer jackets and tops.

Also try Tropica, a 78% Acrylic, 22% Wool mix which is a brushed, very fluffy chunky available in 7 strong colours.

More 100% Acrylic yarns on cone can be ordered through:

Thomas B. Ramsden and Co. (Bradford) Ltd.,
Westgate Common Mills,
Alverthorpe Road,
Wakefield WF2 9NR.

Send for their Water Wheel shade card. This is a 100% Courtelle, 4ply yarn which is available on big 500 gm cones and is pre-waxed to improve the speed of your knitting. Water Wheel comes in 22 specially selected colours for a good comprehensive range. Use this yarn for your day-to-day family knitting, machine washable soft baby wear, children's playgroup and school sweaters, as well as easy care tuckstitch and fair isle twin-sets, hat and scarf sets and other essentials.

AmberYarn,
Greendale Mill,
Thackley Old Road,
Windhill,
Shipley, West Yorks.

Do a good range of Acrylics too. I have already reviewed a few of these in the January issue; Fair Isle, Machine Washable 4ply, Champagne and Mirage. This month I would like to draw your attention to Studio. This yarn is a mixture of 65% Acrylic, 20% Wool, 15% Nylon making a yarn with all the easy care qualities of man-made fibres with the warmth and strength of real wool. Studio is available in 8 very good strong, vibrant colours including white and black. A 4ply yarn, Studio comes on 340 gm cones and would be just great for those really exciting high fashion sweaters that are now so popular. Still thinking in terms of the Chunky Machine, Amber Chunky is a range of 10 colours, very similar to Amber Studio in range although Chunky is a 100% High Bulk Acrylic. This yarn is also great for big bold sweaters, not for the timid. How about mixing Black with Scarlet, Blue with Orange, or Jade Green with Cerise to really cause a stir?

For those of you who like to dress in more classic colours, Amber's Heather Mixture is perfect. Each 500 gm cone is made of 100% Cashmilon and is spun using two or three softly muted shades, to give the appearance of a traditional shetland yarn. 15 colours all reminiscent of the Highlands of Scotland with its mists and heathers.

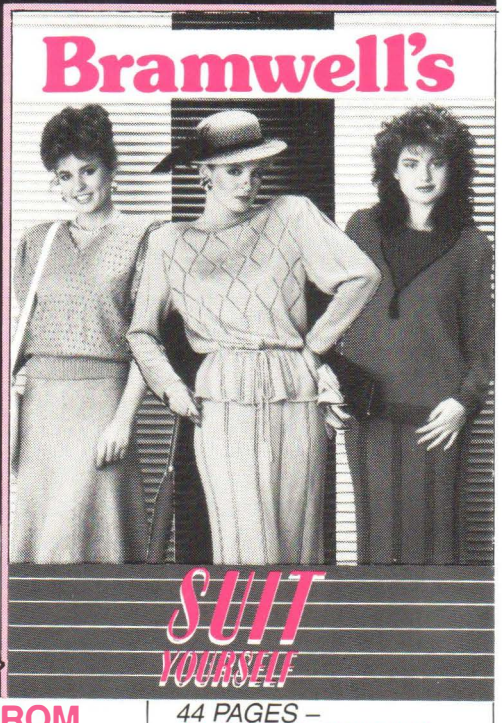
We do not seem to have a great many finer yarns in this month's yarn review, so to balance all those delicious chunky yarns, do have a look at Ambergora. This is a 3ply, consisting of 50% Acrylic, 50% Polyamid. The colour range of 17 shades is strongly divided between the 9 palest of pale pastels and the 8 stronger colours, making this a very versatile colour range. Knit a selection of dreamy lace sweaters in the pastels, a strongly coloured romper suit or two in the brights. 3ply is always so useful, it is great to find a good range of colours in the Amber catalogue.

I hope this month's selection of mail order yarns will help you make your choices for early Spring and Summer knitting. Some of the colours are so cheerful that they will help to brighten the bleakest day, and with warmer weather hopefully just around the corner the delicate pastels and heathers should soon come into their own.

YOU'LL EASILY FOLLOW SUIT!

WITH BRAMWELL'S SUIT YOURSELF BOOK

This is the most lavish ever UK machine knit pattern book. From so-easy-to-follow patterns, you can knit 20 fabulous suits and dresses for all occasions. Many designs can be knitted in the ever-popular Hobby yarn. So SUIT YOURSELF – for only £3.75



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Knitting Club News

As you read this, Spring will be just around the corner (we hope), but at the time of writing, we have just begun a new year and are in the throes of the worst winter for 25 years.

This, then, is my first opportunity to say a very big 'Thank You' for all the Christmas and New Year wishes which you have so kindly sent us. It's not possible to make any individual mentions — and normally we do not include any overseas post, but I would like to 'break the rule' for Rosemary Gardiner of Alberta, Canada, who sent us lovely New Year greetings and promised me a welcome 'surpassed only by the one given to Princess Diana' if I could visit Canada! Would that I could!

Rosemary also offers accommodation to anyone making the journey. At the time of writing Rosemary was eagerly awaiting a large parcel of Knitmaster Kone Yarn to try out some of the Modern Knitting patterns. Rosemary hails from Glasgow and her husband from the Wirral — they have plans for a future visit here, and I'm sure we can promise them a great welcome from Clubs in the areas they reach.

• My very faithful correspondent Doris Elliott ended the year with a 'short' letter ' — short for Doris that is — just two very closely written pages packed with interest. Doris has a team working on the Zippy 90 machines turning out vests and jumpers for Oxfam who, together with Save the Children, have taken Doris's own pattern. Doris still has a supply of these patterns so if anyone would like to help with the good work she is doing, I will be only too pleased to put them in touch. Meanwhile, Doris is saving to buy still more Zippy machines.

• Another very busy lady, Janie Lancaster, who is a 'mine of information' wrote to tell me that her Club had been on a very interesting visit to a firm in Nottingham where they saw lots of gorgeous yarns, patterns, trimmings etc., as well as a number of original garments. For those interested in arranging a visit, write to Collins-Hansen, Peveril Works (3rd Floor), Peveril Street, Nottingham (0602 706085). This firm welcomes group visits, but of course, appreciates adequate notice.

• And for those of you now looking forward — a reminder that Machine Knit '87, the Knitting Spectacular organised by B.S.K. Ltd. of Bedford will be held on Saturday and Sunday, April 25th and 26th. A free draw, refreshments and lunch, plus two Fashion Shows are all included among the attractions offered.

• Competition forms for members continue to come in — and do remind yourself that you have until May 31st for this easy-to-enter contest. Peggy Sutton, of Hall Green, Birmingham, wrote to say that "For over 20 years now, I have felt like a member of the Knitmaster family" — and as evidence of her enthusiasm, Peggy asked me for some 100 entry forms!

• Before concluding — I want to start the New Year with the records straight — so do let me know if your Club has made any changes. Clubs that were 'in the offing' were notified by Mrs. Jaggs of Lincs, Mrs. Thorn of Menai, Mrs. Webster of Merseyside, Mrs. Doreen Fitch of Rochford, and Mrs. Gladys Tucker of Maidstone — and I would be pleased to have confirmations so that these can be added to our Mailing Lists. A letter to the Hartburn M/K Club of Stockton on Tees was returned marked 'Not known', so if anyone has news of this Club I would be grateful to learn of it. Finally, I am pleased to mention a new Club in Wareham, Dorset, being run by Mrs. Olive W. Kent, a very healthy Club being organised by Mrs. Lily Druce of Peterborough and 'official' notification of the Jersey Club run by Mrs. Delanco who had not, I say with apology, received her Knitmaster Certificate!

Well, 1986 was a good year for getting together, and for receiving all your very interesting news. So, although all machine knitting addicts are very busy people, please do spare a moment now and then to send in all your information to keep us up to date.

Letter to the Editor

Dear Laraine,

As an avid reader of machine knitting books, I took your Jan. issue of Modern Machine Knitting to bed with me for a pleasant session of reading on the evening of Dec. 16th — and then spent a couple of sleepless hours worrying about one of the items therein.

It concerns the very interesting Swatch Spot on quilting knitting, with instructions to stuff pockets with kapok. KAPOK? I can't believe you REALLY meant KAPOK.

KAPOK is that creamy coloured waste material (thrown out from production of cotton) and is a horrible, dirty material, full of dust and sharp fragments of the dried plant. Just take a handful and tease it out over a sheet of white paper and see what falls out! Also it goes lumpy when washed and burns quickly with a clear flame in contact with fire. I learned this from a tutor of soft toy making some years ago and her dire warning against using it haunted me during the wee small hours. Think of the babies with skin or asthma problems and of course, infants **will** suck things. As for putting it into white knitted fabric — no, no, I can't believe you really meant to print **KAPOK!**

Pure white polyester filling, is easily obtained, pleasant to handle, washes and dries easily, is chemically inert, and conforms to British Standards for Safety and Hygiene. You can buy it from craft shops or quite easily from many mail order companies which advertise in womens 'crafty' magazines. It is inexpensive (because it is light in weight) and altogether preferable for all kinds of stuffing — except perhaps the Christmas turkey and grannies old armchair.

I only hope that your readers, whether by accident or good sense, never use kapok for pram covers or toys — but do feel you should print a correction to your instructions AS SOON AS POSSIBLE.

I enclose a sample (so that you won't think I am referring to the polyester quilting material which is sold by the yard), although, even that, cut up into little pieces would be better than **K**eep
All such
Polluted stuff
Out of
Knitted fabrics PLEASE

Yours sincerely,
Barbara Densley

Dear Barbara,

What can I say? I must admit to having been completely oblivious to the 'dangers' of Kapok as I'm sure many of our readers are. I can only thank you for taking the time to write such a clear warning and for offering such comprehensive advice. It's so gratifying to work on Modern Machine Knitting if only to read the very high calibre of letter which we receive from our readers!

Laraine

HELP!
WHAT DO I DO IF . . .

How often has the cry "Help! What do I do if . . .'" gone unanswered because there was no-one there to answer!
Unfortunately we can't help with questions like "Help! What do I do if the kitchen's ankle deep in water in the morning because the washing machine went crazy in the night?" or "Help! What do I do if my bank manager refuses to understand that a YC6 colour changer is absolutely crucial to the well-being of me and my family?"
Well, we probably could help with questions like that, but we're not going to. However, we would like to help with your knitting problems.

In this regular feature, we will try to answer your questions and solve your problems. Whether it's a simple knitting problem that you know you'll kick yourself for when you see the answer or whether it's a question which will take a 3-page article to answer, we'll all learn from these questions and answers.
We've included a form to make it easy for you to send us your question, but if you prefer not to take a pair of scissors to your copy of Modern Knitting, send the details on a postcard or make a photocopy of the form.
Just one final point before we start with our questions and answers. If you have an alternative answer to the one printed, please let us know. We'd like to learn from you too.

Help! What do I do if . . .

I am following your patterns to the letter, ie No. 7 in issue Dec '86. I have knitted size 38"-40" but the finished jumper measures 54". The length is fine, the sleeves are fine. My tension is 29 stitches to 10 cms at tension 6.
Tina March, Northfleet, Kent.

Answer

My first reaction to a question like yours, Tina, is momentary panic. Has there been a terrible misprint which has slipped by unnoticed or, worse still, have we forgotten how to do sums? Fortunately, Tina, you provided the key to your problem when you quoted your tension of 29 stitches to 10 cms so my 'panic' was short-lived.

The pattern you are referring to gives the following tension information:

TENSION:
Pattern — 33 sts and 36 rows to 10 cms.
TD at approx 6 on Standard Gauge (8 on Fine Gauge) Machines.
1 × 1 Rib — 46 rows to 10 cms.
TDs at approx MT-5.

Let's look at all the elements of this information to make sure that everyone is clear about exactly what's involved. Any mistake made at the 'Tension' stage of a garment will only lead to disappointment and frustration since this is arguably the most important stage of knitting any garment.

Pattern — 33 sts and 36 rows to 10 cms.

By looking at the picture you can see that most of this sweater has been knitted in a 'pattern' rather than stockinet or rib so the tension for the 'pattern' is quoted first and becomes the Main Tension. Details of how to knit the 'pattern' are given in the PATTERN NOTE. In this case you must also read the instructions for the BACK to find the stripe sequence for the front and back and the instructions for the SLEEVE to find the stripe sequence for the sleeves and neck insert. Look closely at the picture and you will see that the front is different from the sleeves and the neck insert. This is why all the 'pattern' details are not included in the PATTERN NOTE in this instance.

You are told that your tension for the 'pattern' should be 33 sts and 36 rows to 10 cms and this is what it *must* be.

The next line in the TENSION information reads:

TD at approx 6 on Standard Gauge (8 on Fine Gauge) Machines and is a guideline only. Note the word 'approx'. This gives you a starting point to knit your first tension swatch but if it doesn't measure 33 sts and 36 rows you must knit another one on a tighter or looser tension, whichever's necessary. And if that one's wrong you must knit another and another until your swatch gives a reading of 33 sts and 36 rows to 10 cms. Don't be put off at the thought of knitting so many

tension swatches — as you become more experienced you should be able to guess quite accurately how much to tighten or loosen the tension by for the second swatch.

That was the area where your problem lay, Tina. You adhered to the Tension Dial number and changed the stitches to 10 cms rather than the other way round. If the stitches are wrong the width of your garment will be wrong. If the rows are wrong the length of your garment will be wrong.

The reason why the Tension Dial number is always given as an approximation is that every single knitting machine is an individual when it comes to tension, some vary by as much as two whole numbers. And, as if that isn't enough of a problem when quoting a Tension Dial setting, there is also the problem of variance between different colours of yarn. The depth of colour can cause quite a substantial difference to the tension to the point where there may be two whole numbers difference between knitting a black and a white of the same yarn.

For this reason you should knit two tension swatches for this sweater. One for the sleeves and neck insert and one for the back and front. The back and front contain a higher proportion of the darker colour than the sleeves so it's likely that the sleeves should be knitted on a slightly tighter tension to achieve the same stitches and rows.

I bet you didn't realise there was so much to know about Tensions, did you Tina? And there's more.

The last two lines in the TENSION information read:

1 × 1 Rib — 46 row to 10 cms
TD at approx MT-5.

You will notice that there is no stitch reading given for the rib. As a general rule, when there is no stitch reference for a rib you can quite safely use the recommended Tension Dial setting for it without knitting a tension swatch — any variation would be so slight as to be negligible.

The tension dial settings for the rib are shown in relation to the Main Tension, in this case MT-5. This means you should knit the rib 5 numbers tighter than the Main Tension. Therefore, if you knitted the 'pattern' on 6, you should knit the rib on 1.

I hope this rather long-winded answer will save you from making such a frustrating mistake in the future, Tina, as well as clarifying a few things for everyone else, too.

Pattern 7, December '86

Help! What do I do if . . .

I want to avoid the holes at the edge of a single motif. I wrap the yarn round the adjacent needle, but I've heard that you can use binding wire or cotton or . . .? Please help — I've got nobody else to ask.

Mair M. Roche, Dyfed.

Answer

Well, this isn't really an answer more a matter of putting more heads together. We intend covering this problem of holes at the edge of a single motif later in the year. There are several tricks and techniques to alleviate the problem but we'd also like to include this further technique of using binding wire or cotton if only we knew what it was. Can any of you help? I'm quite sure you can — you haven't let us down yet!

Help! What do I do if, ...

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My machine is a .....

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Address .....

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Modern Knitting Ltd.
P.O. Box 175,
Kingston Upon Thames, Surrey.
KT2 6HA.

USEFUL PATTERN PAGE

Finish off those new spring outfits with these lovely shawls and headwraps we have designed for you. For daywear take the ever popular navy and white stripes to complete that nautical look which is particularly prominent for this season or take quite a different image with the jewel-colours and 'tapestry' Fair Isle design of the other shawl. For eveningwear the pretty fashion-lace stole will keep you warm on those chilly spring evenings.

HEADWRAPS

Katherine Hamnett accessorised many of her models in her latest designer collection with these 60's looking headbands. They're fun to wear and look equally as good with all different hair lengths. The ones we have designed here co-ordinate with the large shawl wraps, however, you may prefer to knit them in plain colours to match various outfits. Wear the knot on top and slightly to one side for that assymetrical look and scrape your hair back behind the band for the chic, slick image.

STOCKINET STRIPE HEADWRAP

For Standard and Fine Gauge Machines.

Sizes:
20 cms wide × 61 cms long.

Approximate yarn types and amounts:
Col 1 (Black) — 50 grms (King Cole Angora Look)
Col 2 (Fuschia) — 25 grms (King Cole Anti-Tickle 4ply)
Col 3 (Lilac) — 25 grms (King Cole Anti-Tickle 4ply)

Tension:
32 sts and 45 rows to 10 cms. TD at approx 6 on standard gauge (8 on fine gauge) machines.

Pattern note:
Stockinet Stripes
8 rows col 1, 2 rows col 3, 2 rows col 1, 2 rows col 2, 2 rows col 1, 2 rows col 3. Repeat throughout.

To Knit
Using col 1, cast on by hand 64 sts. RC 000. MT. Continue in stripe pattern, knit 270 rows. Cast off.

To Make Up
Pin out to size and steam carefully. With right sides tog, fold in half widthways and join seam. Turn to right side. Tie a knot in the middle and join ends.

DOUBLE RIB HEADWRAP

For Standard and Fine Gauge Machines with Ribbing Attachment.

Size:
10 cms wide × 61 cms long.

Approximate yarn types and amounts:
Knitmaster Kone 2ply
50 grms each of cols 1 and 2

Tension:
27 sts and 52 rows to 10 cms. TD at approx 3 on standard gauge (5 on fine gauge) machines.

Pattern Note:
Double Rib. Knit 2 rows col 1, 2 rows col 2 throughout.

To Knit
Arrange 27 Ns for double rib. Using col 1, cast on. RC 000. MT. Continue in stripe pattern. Knit 318 rows. Cast off.

To Make Up
Pin out to size and steam carefully. Tie knot in middle of band then join ends tog.

Fashion lace stole

Following the line of the shawl wraps, we have designed a lace evening stole which will accessorise any evening outfit. The simple shape of the stole makes it easy to wear and the steam finish of a scallop detail adds a pretty trim.

For Knitmaster Standard Gauge Punchcard & Electronic Machines with Lace Carriage.

Size:
54 cms wide × 169 cms long.

Approximate yarn types and amounts:
Knitmaster Kone 4ply
Col 1 — 270 grms

Tension:
27 sts and 38 rows to 10 cms. TD at approx 7.

Pattern Note:
Fashion Lace
Punchcard Machines — Card L-10
Electronic Machines — Card 4-L (pattern 15)
Picot Hems — Plain Lace
Punchcard Machines — Card L-1
Electronic Machines — Card 1-L (pattern 1)

To Knit
Push 73 Ns at left and right of centre O to WP. 146 Ns altog. Using waste yarn, cast on ending with carr at right. RC 000. MT. Using col 1, knit 4 rows stockinet. Knit 1 row plain lace. Knit 4 rows stockinet. Turn up a hem. RC 000. Knit 1 row stockinet. Continue in fashion lace, knit to Row 634. Knit 2 rows stockinet. Mark ends with waste yarn. Knit 5 rows stockinet. Knit 1 row plain lace. Knit 3 rows stockinet. Pick up loops from row above marker and place onto Ns. MT+1, knit 1 row. Cast off.

To Make Up
Pin out to size and steam carefully, pinning ends into scallops.

COMPLETE YOUR OUTFIT

You often see people wearing brightly-coloured, printed shawls, but have you ever thought how much warmer a knitted shawl must be. We have designed two shawls for you in this issue. One is a very simple yet effective idea using stripes of navy and white to create that nautical look. The second shawl is plain stockinet with a wide Fair Isle border that co-ordinates with the long-line Fair Isle cardigan also featured in this issue.

These large, square shawls can be worn in several different ways. Simply wrap them round over a plain coat or if your coat has epaulets thread the ends through and tie them loosely at the front (as illustrated). They can also look good when worn like a snood by putting it up over your head then crossing the ends at the front and tying them at the back (see illustration). Whichever way you choose to wear them I'm sure you'll find these of great use.

SHAWL

For Standard Gauge Punchcard and Electronic Machines.

Size:
123 cms × 123 cms.

Approximate yarn types and amounts:
Col 1 (Black) — (King Cole Angora Look) — 200 grms
Col 2 (Fuschia) — (King Cole Anti-Tickle 4ply) — 100 grms
Col 3 (Lilac) — (King Cole Anti-Tickle 4ply) — 30 grms

Tensions:
Stockinet — 29 sts and 45 rows to 10 cms. TD at approx 6.
Fair Isle — 34 sts and 41 rows to 10 cms. TD at approx MT.

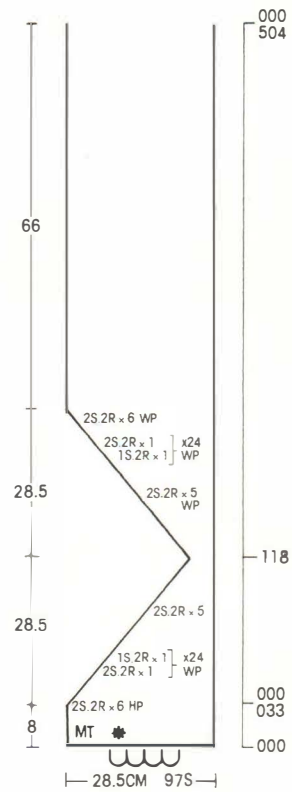
Pattern Note:
Fair Isle — see charts on Fair Isle Long Line Cardigan.

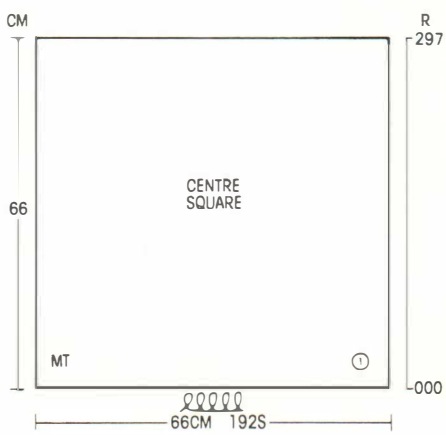
Col 1 in feeder 1, col 3 in feeder 2, knit 4 rows. Col 1 in feeder 1 only, knit 2 rows. Col 1 in feeder 1, col 2 in feeder 2, knit 34 rows. Col 1 in feeder 1 only, knit 2 rows. Repeat throughout.

Centre Square
Using col 1, cast on 192 sts by hand. RC 000. MT, knit 297 rows stockinet. Cast off.

Fair Isle Border
Push 48 Ns at left and 49 Ns at right of centre O to WP. 97 Ns altog. Using waste yarn cast on ending with carr at left. RC 000. MT. Using col 1, knit 1 row. Continue in Fair Isle to Row 33.
*Shape Corner
RC 000. Set carr for partial knitting. Always taking yarn round first inside N in HP. Push Ns shown on diagram to HP. 3 Ns rem in WP. Using a transfer tool, push Ns shown on diagram to WP**. Knit to Row 504*. Repeat from *to* twice more, then from *to** once. Knit to Row 470. Cast off with waste yarn.

To make up
Pin out to size and steam carefully. Graft ends of border. Sew border around centre square. Give final light steam.

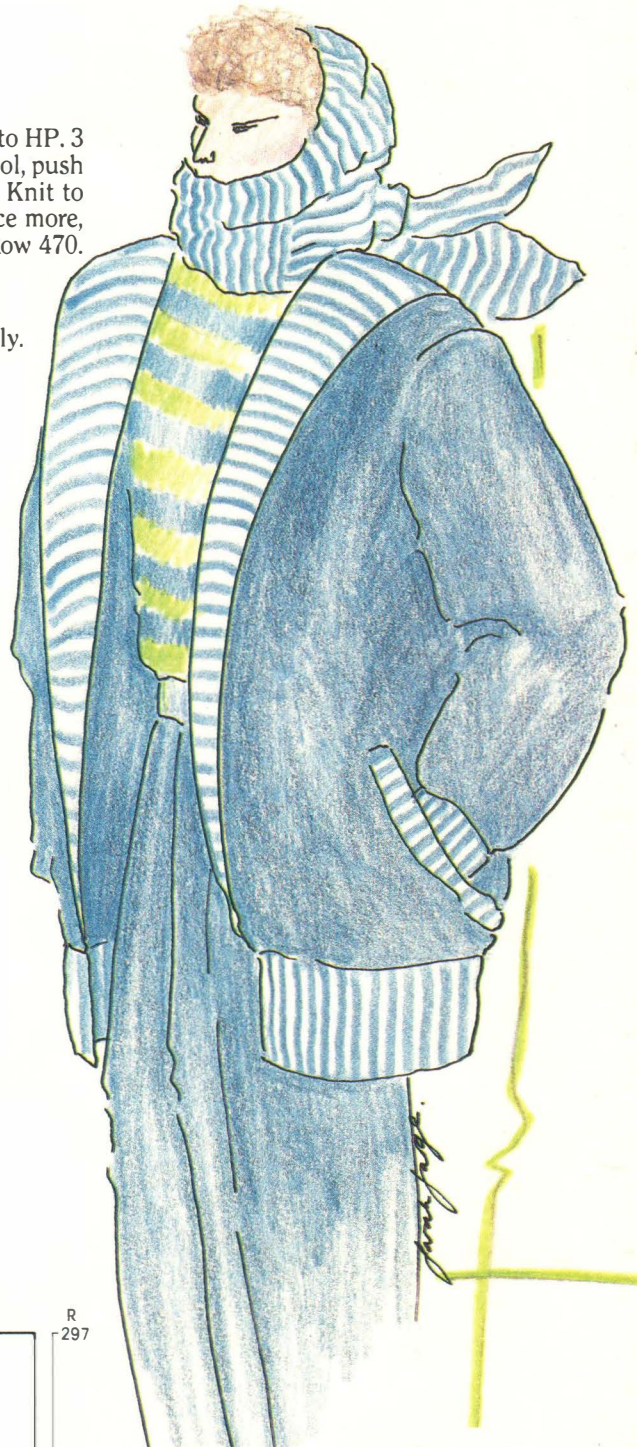




SHAWL

For Standard and Fine Gauge Machines with Ribbing Attachment and Colour Changer.

Size:
148 cms × 148 cms.



Approximate yarn types and amounts:
Knitmaster Kone 2ply
200 grms in each of cols 1 and 2

Tension:
27 sts and 52 rows to 10 cms. TD at approx 3 on standard gauge (5 on fine gauge) machines.

Pattern note:
Double Rib. Knit 2 rows col 1, 2 rows col 2 throughout.

To Knit (4 pieces)
Arrange 200 Ns for double rib. Using col 1, cast on. RC 000. MT. Continue in stripe pattern. Knit 385 rows. Cast off.

To make up
Pin out to size and steam carefully. Join pieces tog with stripes in different directions. Give final light steam.

TAKING CARE OF YOUR MACHINE

Like any machine, your knitting machine must receive regular cleaning and oiling to maintain it in perfect working order. So often knitters who will spend hours learning and perfecting a new technique, or putting untold care into making beautiful garments will totally neglect this most basic part of machine knitting. It is all too easy to concentrate on yarn type and colour mixes, to get completely carried away with more and more intricate designs, fair isles, tuckstitches and other marvellous patterning and yet to forget all about the poor old machine which is to carry out these flights of fancy. 'A poor workman blames his tools' is the old adage, and for no tool can this be more true than today's sophisticated and finely balanced knitting machine.

Fluff, dirty oil, bent or broken needles, combined with constant use and total neglect add up to a story of dirty knitting, clothes and hands, dropped or badly knitted stitches and a knitter who becomes more and more reluctant to sit down and get on with it. To counteract this sorry state of affairs all that is necessary is a routine of regular cleaning combined with a thorough checkup every year or so. None of these procedures need take very long, but their end result means a clean and shiny machine which is a pleasure to sit at, knits perfectly without snagging or dropping stitches and will give many years of use, so necessary when you have invested both time and money in equal quantities.

The Weekly Clean

I have put 'weekly' at the top of this paragraph, this is for the benefit of those knitters who knit regularly, say a garment a week. For those of you who use the machine every day, perhaps making a regular income out of the work, take this to mean after every garment. Naturally if you use your machine less regularly then the weekly clean becomes a matter of whenever necessary. When you have been knitting with brightly coloured yarns, especially bright red or black, or more importantly when you have been using fluffy yarns such as mohair or angora, there will be a certain amount of fluff left behind. This usually collects on the lower part of the needle bed, just at the back of the latches. If left to accumulate, this fluff will gradually be forced through the grooves into the needle bed itself. So it is very important to remove this fluff very often. A few minutes is all that it takes. Using the small brush which is supplied with your machine, and using the flat edge as opposed to the brush edge, bring all the needles quickly out to Holding Position. Turn the brush over to the bristle side and working from back to front brush carefully across the needle bed bringing all the fluff that has been left behind to just behind the sinker gates. Using your vacuum cleaner nozzle suck out all this fluff and any that might be lurking on the underside of the Carriage. A few minutes spent in this way will make the bigger clean up so much less of a task.

The Monthly Clean

Again I have recommended this clean up to be carried out monthly for the benefit of those of you who knit approximately one garment a week. Any more and the time span should be shortened, any less and I would suggest that you clean your machine before it starts to look grimy. As before, use the small brush to clean up any fluff from between the needles after removing the Carriage completely from the needle bed. Vacuum away the excess paying special attention this time to the edges of the back rail where the Carriage glides along. You will find that a lot of fluff has collected here, combined with black oil and making a particularly unwholesome sludge. The vacuum cleaner will only remove the loosest of fluff, so for a more thorough clean you will need quantities of tissue paper. I use a roll of toilet paper as this is cheap and plentiful. Start with the back rail of the needle bed which is usually the dirtiest part. Using copious amounts of paper rub thoroughly until the paper comes away quite clean. Pay special attention to the ends of the rail. With clean paper rub the machine bed itself being careful to clean in the same direction as the grooves or you will end up with fibres of paper in between.

Now provide yourself with a dry clean cloth and a can of foam cleanser, such as 'Groom' (available from Halfords), squirt some foam onto the cloth and rub over all the same areas that you have previously cleaned up with the paper. The back rail, the needle bed and now all the tops and undersides of the needles which are still out in Holding Position. Also clean over all the plastic parts of the machine which get very dusty. You will ▶

now be left with a sparkling machine. At this point check through all the needles, making sure that none of them have bent or broken latches, or that none of the needles are bent to one side. A bent latch results in some stitches not knitting properly which could mean dropped stitches, or more often, a stitch which knits sometimes and holds a loop sometimes. This gives the effect of a tuckstitch throughout the knitting where you do not want one, and can look very unsightly. Change any damaged needles on your machine as instructed in your machine manual.

Your machine is now sparkling clean and with a full set of perfect needles. But in its present condition will be impossible to knit with as it is bone dry! To oil it again is the next step and a perfectly straightforward one. Use a good quality machine oil which you can buy from any sewing or knitting machine shop (or even baby oil if you are really stuck) and, preferably using a small brush, put a few drops along the back rail. With a little oil on a piece of tissue, rub over the needle bed, along the needle butts and the front of the needle bed.

Now give your Carriage the benefit of the same treatment. Rub over every part thoroughly with tissue, making sure that all the black sludge has been removed from between all the cams and levers. This will take noticeably longer than it took you to clean the needle bed as there are so many moving parts, all of which collect an immense amount of fluff and oil. You should be careful not to damage or remove any small springs while doing this. When it is all completely clean, give your machine another wipe with foam cleanser. A few drops of oil are all that is needed to complete the job. If you have a rib attachment on your machine, clean this in exactly the same way as the main bed.

Once weekly when you do your machine clean-up, why not also have a quick tidy up of all the tools, weights, handy punches and all those other odd pieces of equipment we all collect around ourselves. Give the knitting table a dust and polish too, it is surprising how much fluff collects underneath the machine as well as on it. It is always so much more satisfying to sit down to a clean and tidy work space where you can lay your hands on everything quickly and easily.

A good tip to remember, if you can manage it, is to never drink coffee etc. at your machine. Any liquid which is spilt into the machine can cause rust to the metal parts inside the machine.

One last thing, it will greatly help if you can cover your machine when not in use, using a piece of polythene, a plastic tablecloth or anything similar which will not allow dust to filter through. This is especially important if you are using an electronic machine as these must be kept scrupulously clean and free from dust if they are to work efficiently.

The Big Clean!

If you use your machine a good deal, and by this I mean at least once a week, you will greatly benefit it by giving it a really thorough overhaul every one or two years. By this I mean removing all the needles and cleaning them individually, at the same time removing any fluff which has crept through the needle bed to the inside.

So, leave yourself a free afternoon, arm yourself with a set of new needles ready to replace any that are damaged, remove the Carriage and set it to one side. Remove the needle retaining bar completely. If you have used your machine continuously for the last 2 or 3 years try changing the needles round in the following way: Remove the centre 50 needles and put them into a bowl of methylated spirits. Give a gentle agitation so that they are properly cleaned of fluff and oil and, if possible, leave them to soak overnight. Dry them gently but thoroughly with a clean dry cloth and put them to one side. Repeat this with the needles left in the sides of the machine, 25 from one side and 25 from the other. Put these to one side also when they are clean and dry, being careful not to mix up the two bunches. If your machine has not received quite such a bashing, do not worry about changing them over, just take them all out and clean them in one lot.

To really clean out the inside of the needle bed now that the needles have been removed, take a long darning needle and poke inside each groove one by one. You will bring up untold forgotten layers of fluff, vacuum these away as you do so. You will be amazed at the amount of fluff you will recover in this way, fluff that has escaped the most meticulous regular cleaning, and if you have not been quite so meticulous or regular, this is the time to repair matters! If this job is neglected for a number of years the fluff will accumulate to such an extent that the needles will finally become very stiff. So although it seems a long job, it is a task that will become necessary eventually.

Clean the rest of the machine as you would do on a regular basis and finally replace the needles. If you are changing them over due to excessive wear, replace the edge needles into the centre, and the centre needles to the edges, replacing any damaged needles as you go.

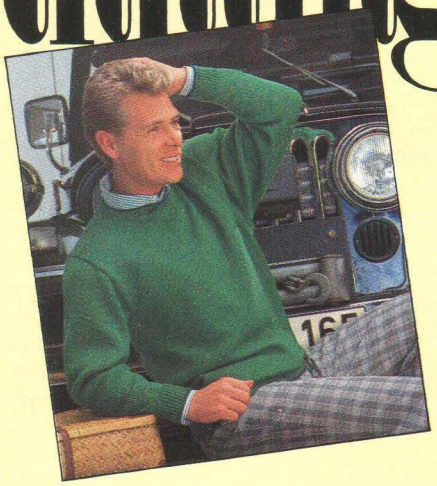
Giving your machine a thorough overhaul in this way from time to time will make sure that it is working at full capacity at all times, barring accidents.

Small Repairs and other Minor Check-ups

A couple of small Philips screwdrivers (Head no 1 and no 2) are a very necessary part of your knitting machine tool kit. Remove the Brush Assembly from the front of the main Carriage and turn it over. You will see various circular brushes and rubber or plastic discs, all of which are attached by small screws. By loosening and removing these you will find that a small pad of fluff has probably become lodged under them. Remove the fluff and release any ends of yarn which may become entangled round them. The extreme outer brushes may need their plastic brush covers (if fitted) replacing if they have become bent. Order these from your local stockists.

Each of these rotating brushes should spin quite freely, if ever they do not, check them for pads of fluff and see that brush covers have not become bent. This is quite a regular check and can be carried out independently from cleaning. Also check over the weaving brushes which are situated at the front of the Brush Assembly, remove their screws and check for pads of fluff and any yarns in the same way. Remove any threads by using a latch tool or transfer tool. If you are the owner of a Punchcard Machine, and have noticed that the patterning is sometimes irregular, refusing to pattern correctly, check here too for any piece of yarn that may have become entangled in the drums. On Knitmaster machines these are situated in the back of the Carriage, and are composed of 12 or 24 metal pieces, all of which can be independently clicked back. This is what happens to them when they are pushed past the punchcard keys on the machine. If any yarn has become entangled around the inside of the drum, it could easily be stopping these from working properly. These are very delicate, so do take note and be very careful if you try to extricate any offending yarn. If it will not be removed by careful unwinding of the drum, try snipping the yarn and carefully teazing out small bits at a time as you rotate the drum. If the yarn still will not come clear, take the Carriage into your local dealer and ask him to send it away for repair. This applies to any other fault which may develop with your machine through accident or any other cause. Never try to take your machine to pieces, beyond the simple brush removal which I have outlined. A modern knitting machine is far too complex a thing to be mended by an untrained hand. However, a regular cleaning and general overhaul such as I have described to you will add years of life to your machine and keep it working smoothly and efficiently at all times.

Modern Machine Knitting



COMING NEXT MONTH

More children's motifs

Next month we'll have more children's motifs to add to your punchcard collection as well as part 2 of the alphabet.

Having trouble with buttonholes?

Our April issue will teach you how to make a variety of different buttonholes, including buttonholes in ribs.

Easter Bunny Toy

Surprise the children this Easter with our delightful Easter Bunny. This lovely toy will give hours of pleasure long after all the Easter Eggs have been eaten.

Fashion Guidelines

Next month will include our Fashion Guidelines for Spring/Summer '87, including advice on colours, yarns, shapes and accessories.

Plus

Lots of lovely designs to knit, including our beautiful Spring coat and man's classic sweater. The April issue of Modern Machine Knitting will be in your shops on March 19th. Make sure you don't miss it.

KEYTO Slideaway Tidiness £99-95

Elegant yet sturdy – Child safe – Automatic adjustable height and pitch. Leave your knitting and carriage on; just slide away your machine and ribber in seconds. unique variable height and pitch means you knit in maximum comfort – in one easy slideaway action – it converts into a handsome piece of furniture. Cones feed from the floor through neat wax inserts. More cones with all your accessories may be stored in the bench – even another machine. – It glides under the cabinet on strong easy run castors. You now know why this cabinet is the KIND EVERYONE YEARNS TO OWN. Complete with the bench the Keyto cabinet is £159.95 — each unit is flat packed with easy to follow assembly instructions. – Choose yours from warm Natural Teak or Traditional Mahogany – Dimensions 48½ x 27½ high x 18¾ Please allow 28 days for delivery. — Delivery £10.00 Mainland.

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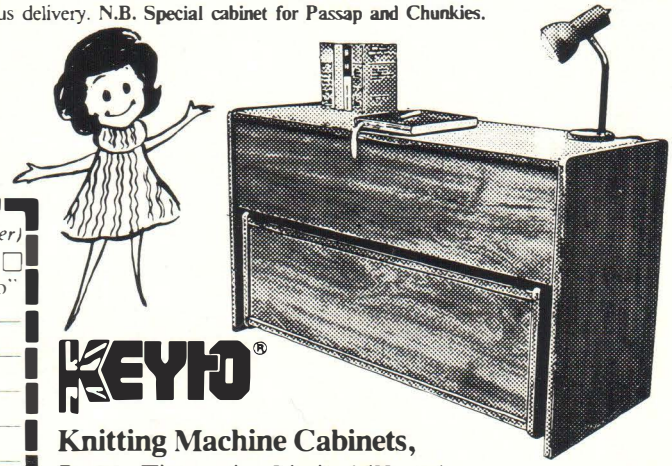

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SWATCH SPOT

As brightly-coloured, more adventurous children's wear is now being seen in retail shops we thought we would begin to design a range of children's Fair Isle patterns for you to knit on your machines. As we don't have enough space to include numerous different ideas in one issue we will be spreading this feature out over the next few months, so keep your eyes open for the ensuing copies of Modern Machine Knitting.

The alphabet is always a favourite with children so we have designed several variations for you on this. Included in this theme is a chart for the first third of the alphabet for you to swiss darn, use for intarsia or simply transfer onto a punchcard. (Don't forget to translate these letters onto your punchcard in reverse.)

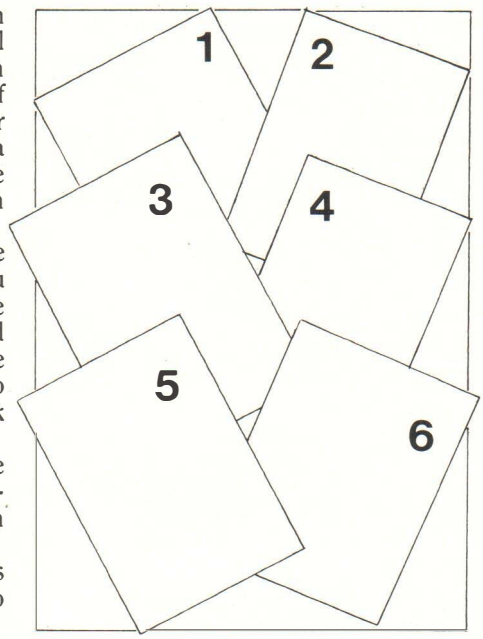
To complement the 'ABC' fabrics we have a Fair Isle motif of little houses. As you will see on our fine gauge version we have used the letter chart to add the word 'HOUSE' to the Fair Isle image. I'm sure you'll agree that when this is knitted into a little sweater or cardigan it will look great.

Don't forget to experiment with these designs using them as border ideas, all-over Fair Isle, just on the sleeves or even on one sleeve or the front only.

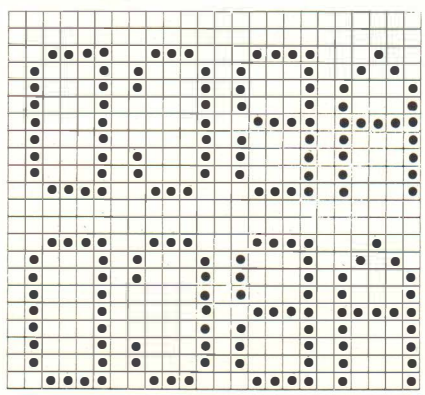
If you have any other ideas or requests for children's knitwear we'll be pleased to hear from you.

Yarns

A — King Cole 100% wool 4ply — Anti-Tickle — Fuschia
B — Knitmaster Kone 4ply — Bluebell
C — Knitmaster Kone 4 ply — Jade
D — 2ply mercerised cotton — Lipstick Pink
E — 2ply bouclé — Bright Blue
F — 2ply bouclé — Sunshine Yellow
G — 2ply mercerised cotton — Apple
H — Patons Parade — Emerald
I — 3 Suisses double knit (2 ends) — Butter Yellow
J — Patons Shetland Chunky — Ultramarine
K — Patons Shetland Chunky — Fuschia



For Standard Gauge Punchcard Machines Card 1 for Swatch 1



Swatch 1

For Standard Gauge Punchcard Machines

Insert special card 1. Set carr for Fair Isle. *With yarn A in feeder 1 and yarn B in feeder 2, knit 9 rows. With yarn A in feeder 1 only, knit 2 rows*. Rept from *to* throughout.

Swatch 2

For Standard Gauge Punchcard Machines

Insert special card 2. Set carr for Fair Isle. *With yarn C in feeder 1 and yarn A in feeder 2, knit 16 rows. With yarn C in feeder 1 only, knit 2 rows*. Repeat from *to* throughout.

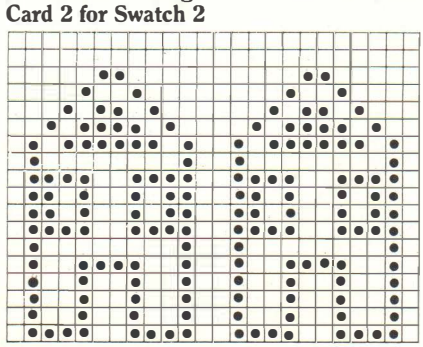
Swatch 3

For Fine Gauge Punchcard Machines

Insert special card 3. Set carr for Fair Isle. *With yarn D in feeder 1 and yarn E in feeder 2, knit 7 rows. With yarn D in feeder 1 only, knit 2 rows. With yarn D in

Continued on page 37

For Standard Gauge Punchcard Machines Card 2 for Swatch 2



HOW TO WORK FROM A DIAGRAM PATTERN

The pattern instructions in Modern Knitting are in the form of a diagram pattern, which is by far the easiest form of knitting pattern to use. However, if you are not familiar with diagram patterns, Here's a step by step guide which will teach you to use this easy-to-follow pattern system. Study the symbols on page 20 carefully then work through the diagram following the written explanation alongside. You'll find it quite straightforward and, once you have knitted your first couple of patterns using this system, you'll wonder how you ever coped with those long winded written patterns.

First of all, take a look at the diagram itself. The diagram is divided into two halves. On the right side you'll find all the stitch and row references while on the left side you can see we've given all the measurements which will help you when pinning your knitted pieces out to size. In addition, you'll find certain items of information on the diagram such as the needle arrangement for the rib, the type of cast on you should do and any other relevant information you might need. As you can imagine, once you are familiar with this type of pattern, you'll be able to see at a glance just what's involved in the knitting of each design without having to read the whole pattern.

Starting at the lower edge, your first instruction is ^^^^ 60S. This tells you to cast on 60 stitches using the ribber.

tells you to arrange the needles for a 1 × 1 rib.

000 at the bottom right hand corner tells you to set your Row Counter to 000.

MT-3 tells you to set your Tension Dial to 3 numbers lower than the Main Tension.

The first row number given is 006, so knit to row 6.

The line across the diagram at row 6 tells you that you have finished knitting the rib, so transfer the stitches from the ribber to the main machine.

000 at the right hand edge tells you to turn your Row Counter back to 000.

MT tells you to set your Tension Dial to the Main Tension. Continue knitting until your next instruction which is on row 40.

The diagram pattern shows you that you are now at the stage for shaping the armholes. **Although the shaping instructions are shown on one side of the diagram only, they should be worked on both sides, since the diagram shows there is the same armhole shape on the left side.** If you find it easier to begin with, pencil in the same instructions on the left side to remind you that you have only been given the instructions for one armhole.

1S.1R×2 is the instruction.

1S tells you how many stitches to decrease.

1R tells you how many rows after each decrease.

×2 tells you how many times to decrease.

Therefore, 1S.1R×2 means:-

Decrease 1 stitch on both sides (you are repeating the shaping instructions for the left armhole). Knit one row.

Decrease 1 stitch on both sides, knit 1 row.

The next instruction is 1S.2R×1. Therefore, decrease 1 stitch on both sides (you are repeating the shaping instructions for the left armhole). Knit 2 rows.

The next instruction is 1S.3R×2.

Therefore, decrease 1 stitch on both sides (you are repeating the shaping instructions for the left armhole). Knit 3 rows.

Decrease 1 stitch on both sides. Knit 3 rows.

Your next instruction is not until Row 68 therefore knit to row 68 without shaping.

The diagram pattern shows you that you are now at the stage for shaping the neck.

The symbol **V** tells you to divide the work in half and knit each side separately.

Therefore, either push the needles at left into holding position, or knit them onto waste yarn and remove from the machine. Now knit the right side as follows: —

5 S tells you that 5 stitches form the base of the neckedge.

Therefore, using a length of main yarn, cast off 5 stitches.

Your next instructions are for the neck shaping

2S.2R × 1
1S.2R × 2
1S.1R × 1

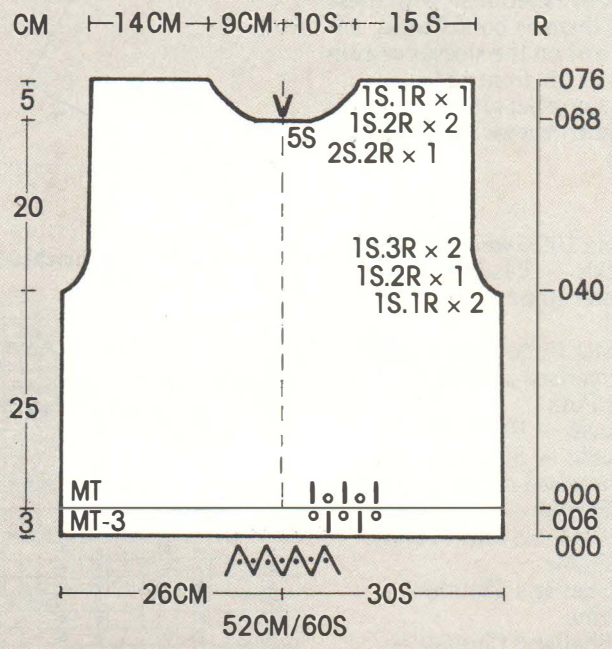
and should be carried out in the same way as before.

The last instruction is on row 76 where the straight line shows you should cast off the remaining 15 stitches.

Then, of course, you must turn the Row Counter back to 68 and knit the left half of the neck in the same way.

For those of you who are new to diagram patterns, the important points to remember are: —

1. The stitch, row and shaping references are on the right half of the diagram.
2. Shaping instructions are given for the right side of the diagram only. They should be repeated on the left if the diagram shows there is the same shape on the left.
3. A shaping instruction such as 2S.1R × 3 means decrease 2 stitches, knit 1 row, 3 times in all.
4. Don't worry too much if you find you're the odd row or stitch out on your first couple of attempts. Nobody will notice and you'll soon get the hang of using diagram patterns and wonder how you ever managed without them.



CHOOSING YOUR YARNS

Freedom of choice

In many of the patterns you will find, not a brand name for the yarn used, but an approximation of the yarn type. This, we hope, will give you much more freedom to use the designs and patterns creatively — we know what a clever, creative and independent group of people you machine knitters are.

If you are using the diagram patterns you must, of course, achieve the same stitches and rows stated in the pattern. However, if you choose to make charting device patterns from the diagrams, you will have complete freedom and control over the designs. The article on page 38 will tell you all you need to know about making Knitradar patterns using the diagrams.

Yarn amounts

Where an approximate yarn type is given, the yarn amounts will be approximate too. As you know, yarns vary in weight — wool is much heavier than acrylic, therefore, it takes more yarn to knit a garment in wool than it takes to knit the same garment in an acrylic yarn. This is the major difference to watch out for, but there will always be variations from yarn type to yarn type. You will be able to estimate your yarn amounts fairly accurately if you keep a knitting notebook.

Keeping a Knitting Notebook

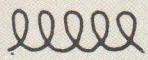
Many of you already keep notes on everything you knit and have told us what an invaluable source of reference these knitting notebooks are. However, those of you who have not yet reached this blissful state of organisation might like to give it a try. It won't take much of your time but you'll be amazed at how much time and effort it will save you later.

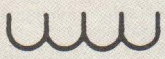
The kind of information you will find useful is as follows:-

1. Description of garment
2. Description of yarn
3. Stitch pattern
4. Tension setting
5. Stitches and rows to 10 cms
6. Yarn amount.

Your own system will evolve as you start using your notes, but the list above will give you a good starting point. This invaluable information will not only help when estimating yarn amounts, but will also make choosing yarns a simpler task.

SYMBOLS FOR THE DIAGRAMS


Closed edge cast-on


Cast-on using waste yarn

Closed edge cast-on with ribber

Loose row

Needle arrangement
I = needle in working position
O = needle in non-working position

S = Stitches

( ) Larger sizes

① Colour

Turn up a hem

Pattern stitch

R Row

MT Main Tension

V Divide work in half and knit each side separately

Repeat

2S.2R × 3 is an example of shaping instructions shown on the diagram. The shape of the diagram will indicate whether you are required to increase or decrease. 2S. 2R × 3 would mean decrease (or increase) 2 stitches, knit 2 rows, 3 times in all.

Abbreviations

Alt	— Alternate	Dec	— Decrease	NWP	— Non Working Position	Sts	— Stitches
Approx	— Approximately	Ev	— Every	Patt	— pattern	TD	— Tension Dial
Beg	— Beginning	Foll	— Following	Pos	— Position	Tog	— Together
Carr	— Carriage	Inc	— Increase	Rept	— Repeat	UWP	— Upper Working Position
Cm(s)	— Centimetres(s)	MT	— Main Tension	Rem	— Remaining	WP	— Working Position
Col	— Colour	N	— Needle	RC	— Row Counter		
		Ns	— Needles	St	— Stitch		

CHILDS FAIR ISLE 'DOG' SWEATER

Here's another motif to add to the collection of children's Fair Isle designs which we have begun in this month's Swatch Spot. You can easily interchange the punchcards to knit this sweater with our 'House' or 'Alphabet' designs or any of the other designs we'll be providing over the next couple of months. Why not knit a matching scarf with a row of dogs at each end (remember to turn the punchcard upside down for the second row of dogs or the dogs at one end of the scarf will be upside down). You might also like to add a single motif dog to the back of the children's mittens which were included on the Useful Pattern Page last month.

KNITTING TIP

You will find that most patterns in Modern Knitting state the need for a ribbing attachment at the beginning of the pattern. However, if you look at the designs, you will find that very often the ribbing attachment is necessary only for knitting welts, cuffs, bands etc. In these cases, if you don't have a ribber you should either knit a mock rib or use the latch tool method for making your ribs.

For Knitmaster Standard Gauge Punchcard & Electronic machines with Ribbing Attachment.

SIZES:
To fit 61(66)cms/24(26) inch chest.

APPROXIMATE YARN TYPES AND AMOUNTS:
Knitmaster Kone 4ply
Col 1 (Jade) — 100(150) grms
Col 2 (White) — 80(130) grms
4 buttons

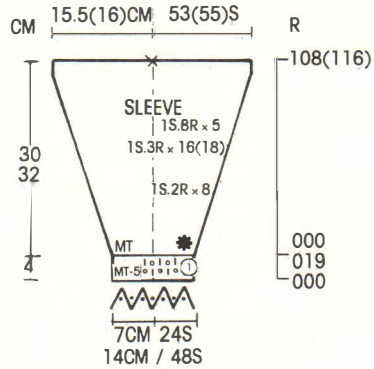
TENSIONS:
Fair Isle — 34 sts and 36 rows to 10 cms. TD at approx 6.
1 × 1 Rib — 47 rows to 10 cms. TD at approx MT-5.

PATTERN NOTE:
Fair Isle — Special card. Col 1 in feeder 1 and col 2 in feeder 2. Knit 7 rows. Knit 2 rows col 1 only. Col 1 in feeder 1 and col 2 in feeder 2. Knit 22 rows. Knit 2 rows col 1 only. Rept throughout.

BACK:
Push 55(59) Ns at left and right of centre 0 to WP. 110(118) Ns altog. Push corresponding Ns on ribber to WP. Arrange Ns for 1 × 1 rib. Using col 1, cast on. RC 000. MT-5, knit 19 rows. Transfer sts to knitter. RC 000. MT. Knit 1 row. Continue in Fair Isle to Row 94(102). Mark both ends with waste yarn. Knit to Row 144(154).
Shape Back Neck.
Note pos in pattern. Shape as shown on diagram to Row 150(160). Cast off rem 31(35) sts. Keeping pattern correct, knit left part as for right part.

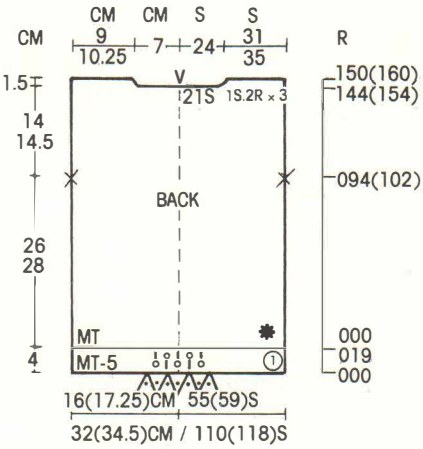
FRONT:
Knit as for Back to Row 128(138).
Shape Neck.
Note pos in pattern. Shape as shown on diagram to Row 150(160). Cast off rem 31(35) sts. Keeping pattern correct, knit left part as for right part.

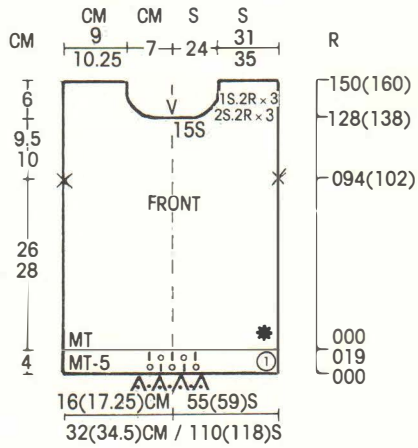
SLEEVES:
Push 24 Ns at left and right of centre 0 to WP. 48 Ns altog. Push corresponding Ns on ribber to WP. Arrange Ns for 1 × 1 rib. Using col 1, cast on. RC 000. MT-5, knit 19 rows. Transfer sts to knitter. RC 000. MT. Knit 1 row. Continue in Fair Isle and shape as shown on diagram to Row 108(116). 106(110) sts. Mark centre with waste yarn. Cast off.



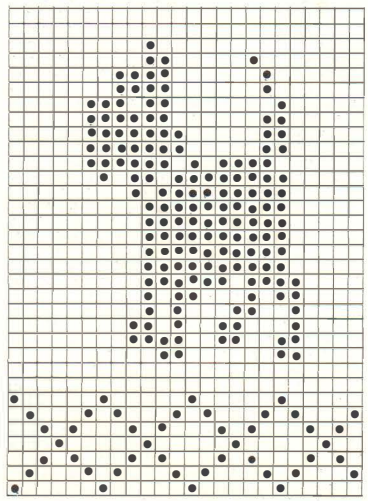
BUTTONHOLE BAND:
Arrange 38(42) Ns for 1 × 1 rib. Using col 1, cast on. RC 000. MT-5, knit 5 rows. Make 3 evenly spaced buttonholes over 1 N. Knit 10 rows. Make buttonholes over same Ns as before. Knit 4 rows. Transfer sts to knitter. Knit 1 row. Cast off with waste yarn.

Continued on page 38

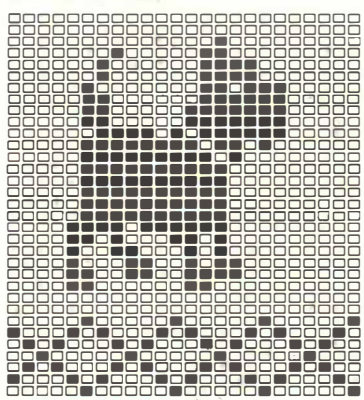




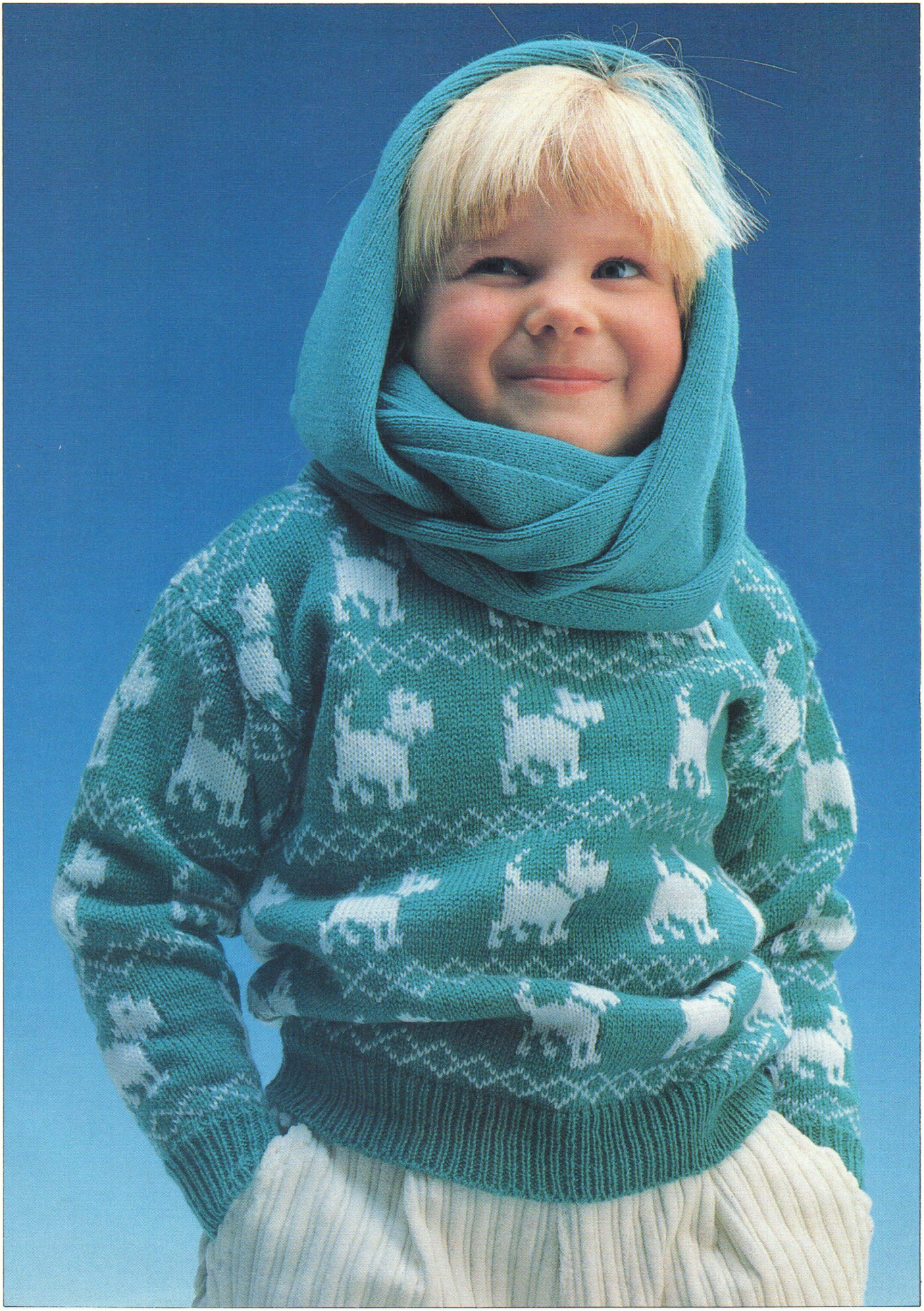
Punchcard Chart



Electronic Chart



Pattern 1



Pattern 2

STRIPED COTTON SWEATER

There's nothing more wearable in an English Summer than a classic shirt-style sweater in fresh pastel colours. This particular version is surely worth knitting more than once in a variety of different colours. A plain white version is always useful while you can use any of the pastel colours to co-ordinate with skirts and trousers. Men also enjoy wearing this style and you can knit the man's version of this with only a couple of simple alterations to the pattern. On the front and back knit an extra 34 rows between the rib and the armhole mark and for the sleeves add an extra 20 rows before shaping the top. You should of course also change the buttonholes and buttons round so that the neck fastens the correct way for a man.

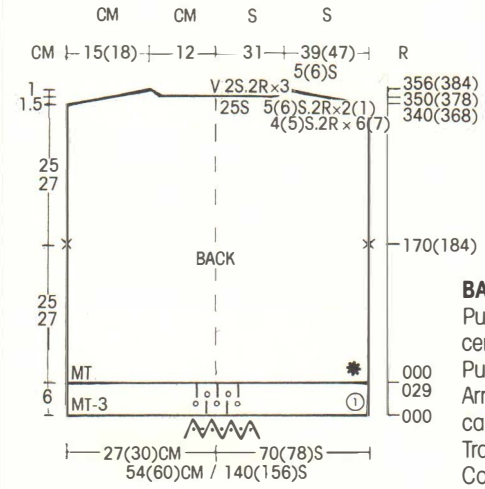
For Standard Gauge Punchcard & Electronic Machines with Ribbing Attachment.

SIZES:
To fit 86-91(96-101)cms/34-36(38-40) inch bust.

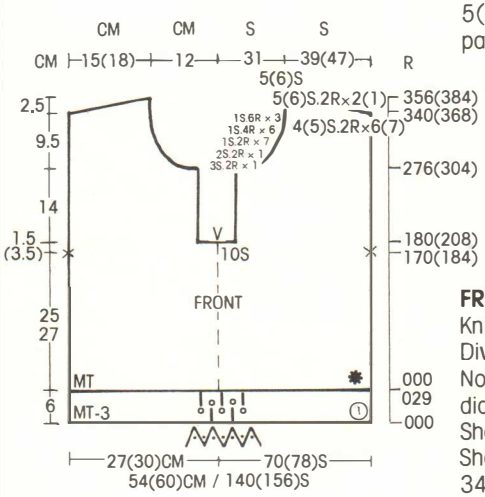
APPROXIMATE YARN TYPES AND AMOUNTS:
Cotton type yarn equivalent to a full 4ply
Col 1 (Blue) — 200(230) grms
Col 2 (Pink) — 90(100) grms
Col 3 (Lemon) — 80(90) grms
3 Buttons

TENSIONS:
Tuck Stitch — 26 sts and 68 rows to 10 cms. TD at approx 5 1 x 1 rib — 48 rows to 10 cms. TD's at approx MT-3.

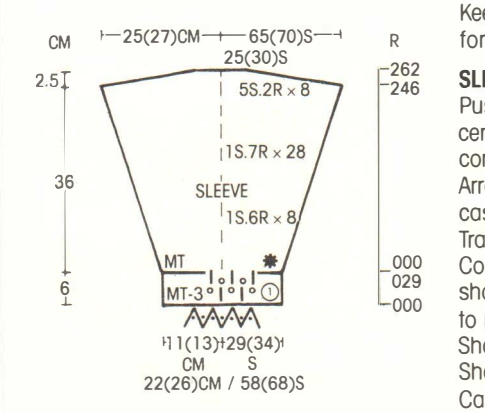
PATTERN NOTE:
Tuck Stitch — Special card.



BACK:
Push 70(78) Ns at left and right of centre O to WP. 140(156) Ns altog. Push corresponding Ns on ribber to WP. Arrange Ns for 1 x 1 rib. Using col 1, cast on. RC 000. MT-3. Knit to row 29 Transfer sts to knitter. RC 000. MT. Continue in Tuck Stitch, knitting 12 rows col 1, 44 rows col 2, 10 rows col 1, 36 rows col 3, 8 rows col 1, 28 rows col 2, 6 rows col 1, 22 rows col 3. Using col 1 knit to row 170(184). Mark both ends with waste yarn. Knit to row 340(368).
Shape Shoulders
Shape as shown on diagram to row 350(378)
Shape Neck
Note pos in pattern. Shape as shown on diagram to row 356(384). Cast off rem 5(6) sts. Keeping pattern correct, knit left part as for right part.



FRONT:
Knit as for Back to row 180(208).
Divide for Front Opening
Note pos in pattern. Shape as shown on diagram to row 276(304).
Shape Neck
Shape as shown on diagram to row 340(368).
Shape shoulder
Shape as shown on diagram to row 356(384). Cast off rem 5(6) sts. Keeping pattern correct, knit left part as for right part.



SLEEVES:
Push 29(34) Ns at left and right of centre O to WP. 58(68) Ns altog. Push corresponding Ns on ribber to WP. Arrange Ns for 1 x 1 rib. Using col 1, cast on. RC 000. MT-3. Knit to row 29. Transfer sts to knitter. RC 000. MT. Continue in Tuck Stitch, increasing as shown on diagram. 130(140) sts. Knit to row 246.
Shape Top
Shape as shown on diagram to row 262. Cast off rem 50(60) sts.

Continued on page 38

Pattern 3

CHILD'S COAT

This coat will prove to be popular with fashion conscious youngsters. Teamed with a long tube skirt and a polo-neck sweater, they'll cut quite a dash amongst their friends. Alternatively, shorten this coat to just below the waist and you'll have an extremely smart, fashionable jacket. The pattern for our angora beret is available in last month's issue of Modern Knitting along with the patterns for children's glove and mittens.

For 9mm and 8mm Chunky Machines with Ribbing Attachment.

SIZES:
To fit 61(66)cms/24(26) inch chest.

APPROXIMATE YARN TYPES AND AMOUNTS:
Col 1 (Firecracker) — 310(360) grms (Patons Chunky Twirl)
Col 2 (Black) — 115(120) grms (Patons Chunky)
2 Buttons

TENSIONS:
Stockinet — 16 sts and 24 rows to 10 cms. TD at approx 5 on 9mm machines (10 on 8mm) machines.
Garter Stitch — 16 sts and 27.5 rows to 10 cms. TD at approx. MT-1 1 × 1 Rib — 23 rows to 10 cms. TD's at cms. TD's at approx MT-4.

PATTERN NOTE:
Garter Stitch — *Knit 2 rows. Drop ev st 1 row down and pick up as for ribbing*. Rept from *to* throughout.

For chunky machines without the ribbing attachment make ribs using the latch tool method.

BACK:
Push 29(31) Ns at left and right of centre 0 to WP. 58(62) Ns altog. Push corresponding Ns on ribber to WP. Arrange Ns for 1 × 1 rib. Using col 1, cast on. RC 000. MT-4, knit 5 rows. Transfer sts to knitter. RC 000. MT. Knit 100(106) rows.
Shape Armholes
Shape as shown on diagram. Knit to Row 148(154). Cast off rem 48(52) sts.

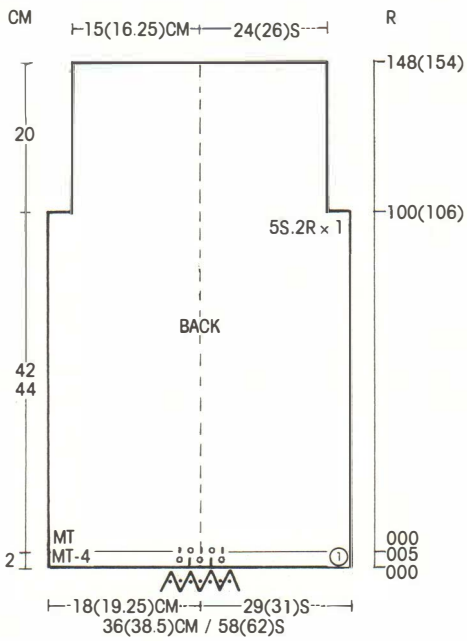
RIGHT FRONT:
Push 29(31) Ns at right and 7 Ns at left of centre 0 to WP. 36(38) Ns altog. Push corresponding Ns on ribber to WP. Arrange Ns for 1 × 1 rib. Using col 1, cast on. RC 000. MT-4, knit 5 rows. Transfer sts to knitter. RC 000. MT. Knit to Row 80(86). Make a buttonhole over Ns 4 and 5 on both sides of centre 0. Knit to Row 85(91).
Shape Front Edge
Shape as shown on diagram, AT THE SAME TIME when RC shows 100(106).
Shape Armhole
Shape as shown on diagram. Knit to Row 148 (154). Cast off rem 13(15) sts.

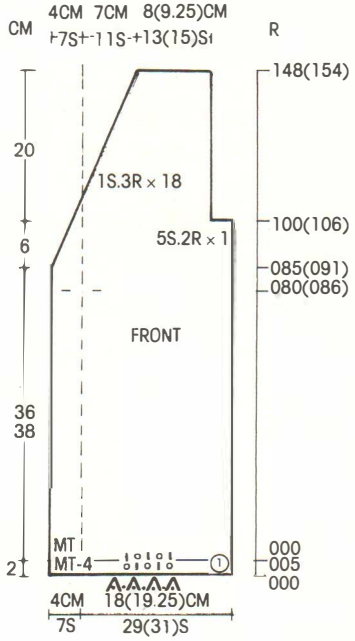
LEFT FRONT:
Knit as for Right Front but in reverse and omitting buttonholes.

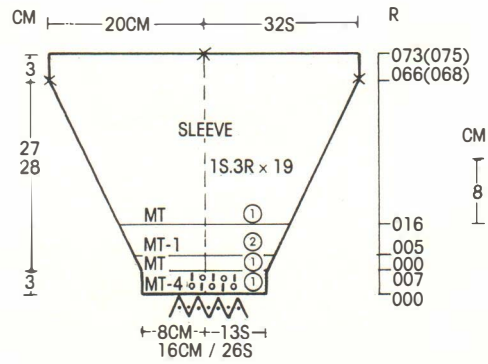
SLEEVES:
Push 13 Ns at left and right of centre 0 to WP. 26 Ns altog. Push corresponding Ns on ribber to WP. Arrange Ns for 1 × 1 rib. Using col 1, cast on. RC 000. MT-4, knit 7 rows. Transfer sts to knitter. RC 000. MT. Inc as shown on diagram, AT THE SAME TIME when RC shows 005 knit 16 rows garter stitch col 2 then continue in col 1. 64 sts. Knit to Row 66(68). Mark both ends with waste yarn. Knit to Row 73(75). Mark centre with waste yarn. Cast off.

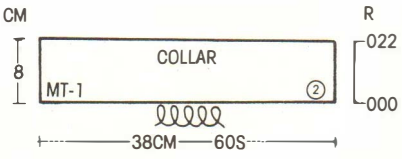
COLLAR (2 pieces):
Using col 2, cast on by hand 60 sts. RC 000. MT-1. Knit 22 rows garter stitch. Cast off.

TO MAKE UP:
Pin out to size and steam carefully. Join shoulder seams. Set in sleeves, sewing rows above marker to cast off sts at armhole. Join side and sleeve seams. Finish buttonholes and sew on buttons to correspond. Join collar seam. Sew collar into pos. Give final light steam.









Pattern 3

Pattern 4

Pattern 4

Pattern 4

TODDLERS INTARSIA SWEATERS

This lovely collection of babies and toddlers sweaters should keep you knitting for a week or two. The motifs have been knitted using intarsia, but if your machine doesn't knit intarsia you can swiss darn the motifs instead. Keep your eyes open for other motif designs which can be used on this sweater and perhaps even have a go at designing your own too. You'll find the alphabet in our Swatch Spot feature if you'd like to add baby's name to the sweater.

These sweaters are featured on Patons handknitting leaflet no. 8644 but with Patons kind permission we have adapted the instructions so you can knit them on your standard gauge knitting machines. You'll also find lots more designs to knit for baby in our new Modern Knitting Baby Collection. It'll be in your shops any day so watch out for it.

For Standard Gauge Machines with Intarsia Carriage and Ribbing Attachment.

SIZES:
To fit 41-46(51-56)cms/16-18(20-22) inch chest.

APPROXIMATE YARN TYPES AND AMOUNTS:
Patons Fairytale 4ply
100(100)(150)(150) grms in main col
Small amount of contrast colours for required motif
4 small buttons

TENSIONS:
Stockinet — 28 sts and 38 rows to 10 cms. TD at approx 8 1 × 1 Rib — 45 rows to 10 cms. TD's at approx MT-4.

PATTERN NOTE:
Follow appropriate intarsia chart on front only.

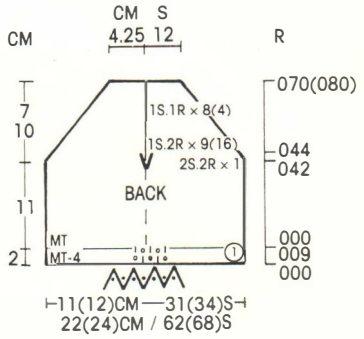
BACK:
Push 31(34)(38)(42) Ns at left and right of centre O to WP.
62(68)(76)(84) Ns altog. Push corresponding Ns on ribber to WP.
Arrange Ns for 1 × 1 rib. Using col 1, cast on. RC 000. MT-4, knit 9(9)(13)(13) rows. Transfer sts to knitter. RC 000. MT. Knit to Row 42(42)(57)(69).
Shape Raglan Armholes
Shape as shown on diagram to Row 44(44)(59)(71).
Divide for Back Opening
Continue to shape as shown on diagram to Row 70(80)(99)(115). Cast off rem 12(12)(14)(14) sts. Repeat for second side.

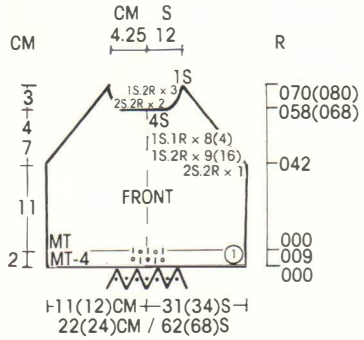
FRONT:
Knit as for Back to Row 58(68)(83)(99).
Shape Neck
Shape as shown on diagram to Row 70(80)(99)(115). Fasten off rem st. Repeat for second side.

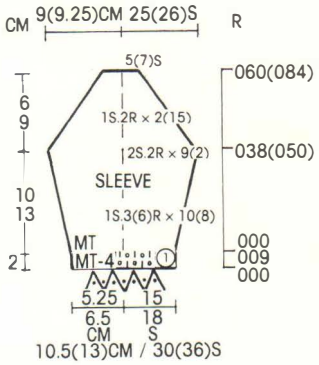
SLEEVES:
Push 15(18)(20)(21) Ns at left and right of centre O to WP.
30(36)(40)(42) Ns altog. Push corresponding Ns on ribber to WP.
Arrange Ns for 1 × 1 rib. Using col 1, cast on. RC 000. MT-4, knit 9(9)(13)(13) rows. Transfer sts to knitter. RC 000. MT. Inc as shown on diagram. 50(52)(54)(56) sts. Knit to Row 38(50)(68)(76).
Shape Raglan Top
Shape as shown on diagram to Row 60(84)(106)(118). Cast off rem 10(14)(16)(17) sts.

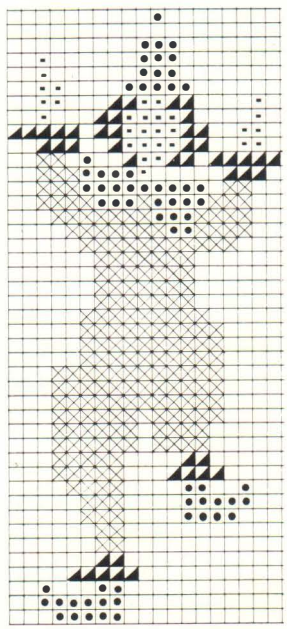
NECKBAND:
Join raglan seams. With wrong side facing, pick up sts around neckedge and place onto Ns. Transfer sts to ribber for 1 × 1 rib. RC 000. MT-4, knit 18 rows. Transfer sts to knitter. Knit 1 row. Cast off.

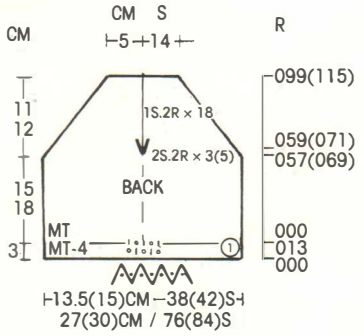
TO MAKE UP:
Pin out to size and steam carefully. Fold neckband in half onto the inside and slip stitch into pos. Join side and sleeve seams. Using col 1, work 2 rows of double crochet along back opening making 4 buttonloops in second row. Sew on buttons to correspond. Give final light steam.

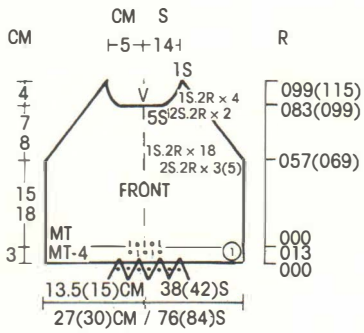


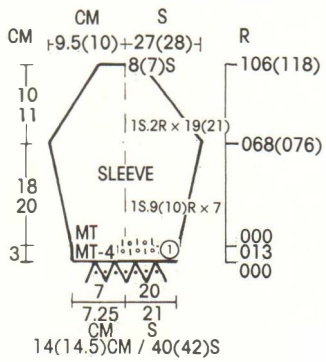


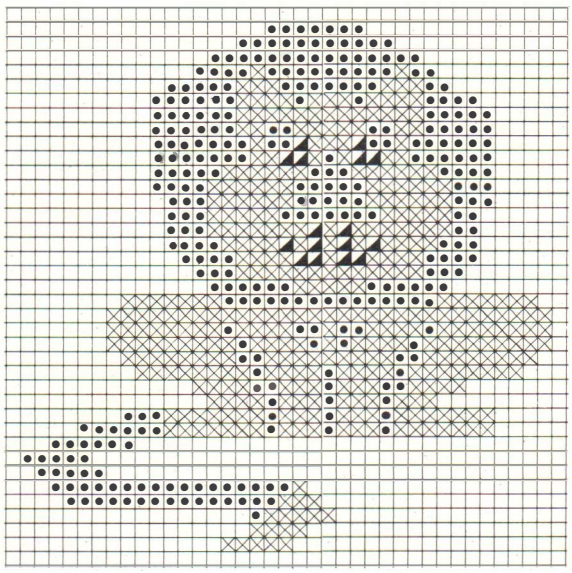


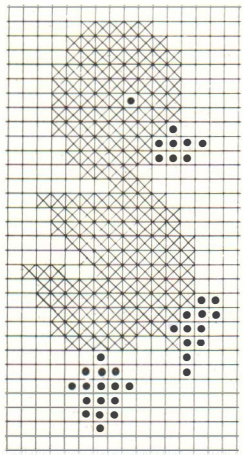


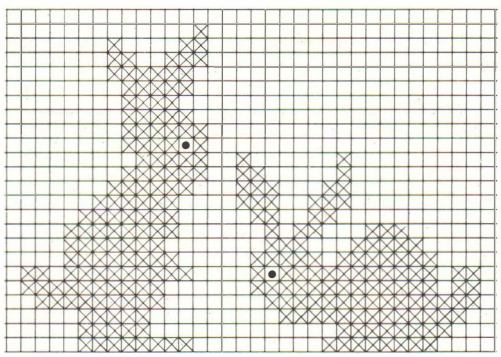

CM S
CM
⊢5⊣⊢14⊢
R
11
12
15
18
3
1S.2R × 18
2S.2R × 3(5)
BACK
MT
MT-4
099(115)
059(071)
057(069)
000
013
000
⊢13.5(15)CM⊢38(42)S⊣
27(30)CM / 76(84)S

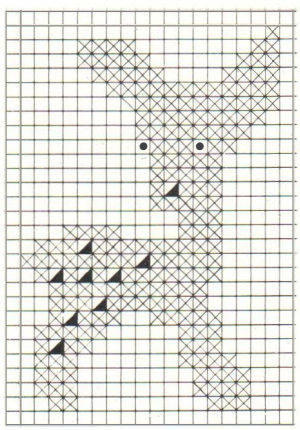

CM S
CM
⊢5⊣⊢14⊣
R
4
7
8
15
18
3
1S
V
1S.2R × 4
5S
2S.2R × 2
1S.2R × 18
2S.2R × 3(5)
FRONT
MT
MT-4
099(115)
083(099)
057(069)
000
013
000
13.5(15)CM 38(42)S
27(30)CM / 76(84)S

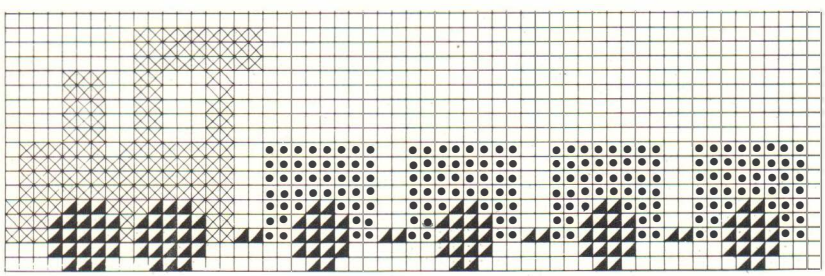

CM S
CM
⊢9.5(10)⊣⊢27(28)⊣
R
10
11
18
20
3
8(7)S
1S.2R × 19(21)
SLEEVE
1S.9(10)R × 7
MT
MT-4
106(118)
068(076)
000
013
000
7
20
7.25
CM
21
S
14(14.5)CM / 40(42)S

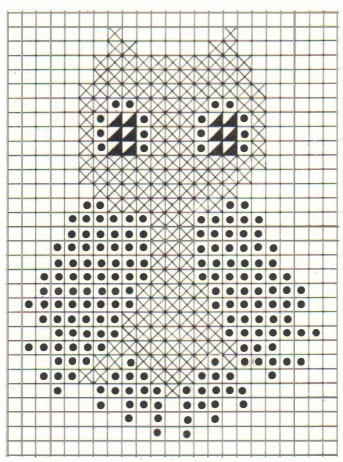


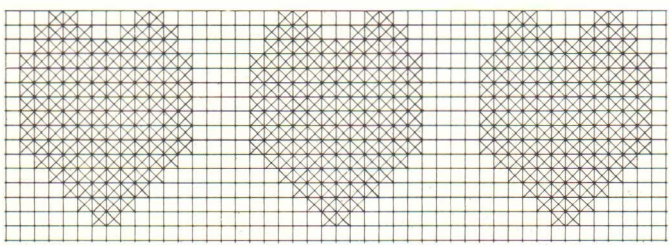












Pattern 5

MANS GREY TUCK STITCH SWEATER

This simple tuck stitch sweater has some very nice touches which lift it out of the ordinary without taking it to the point where most men would find it too 'trendy' to wear. Knitting the ever popular polo collar in a contrasting colour gives this sweater more definition than it would have had with the usual matching collar. This is something to bear in mind when knitting other designs. The rib pocket also gives a touch of individuality and you'll find lots more pocket ideas in our Finishing Touch feature which will help you to add your own personal touch to anything you knit.

For Standard Gauge Punchcard & Electronic Machines with Ribbing Attachment.

SIZES:
To fit 101-106(112-117)cms/40-42(44-46) inch chest.

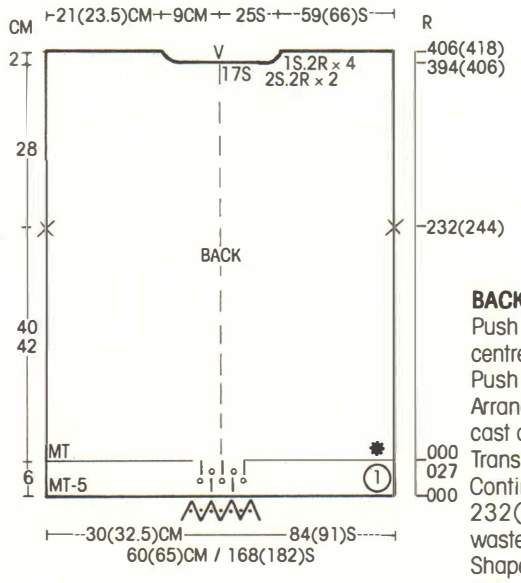
APPROXIMATE YARN TYPES AND AMOUNTS:
Knitmaster Kone 4ply
Col 1 (Dark Grey) — 400(450) grms
Col 2 (Black) — 70 grms
3 Buttons

TENSIONS:
Tuck Stitch — 28 sts and 58 rows to 10 cms. TD at approx 6 1 x 1 Rib — 45 rows to 10 cms. TD's at approx MT-5. Double/1 x 1 Rib — 32 sts and 46 rows to 10 cms. TD at approx MT-3 on knitter and MT-5 on ribber.

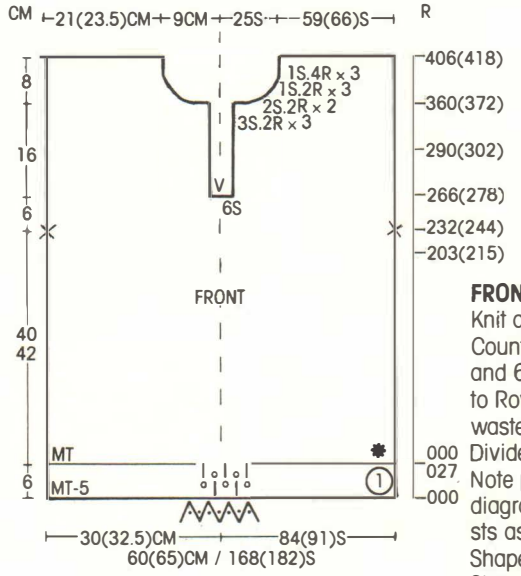
PATTERN NOTE:
Tuck Stitch — Card 223 from Knitmaster Punchcard series 51.

Double/1 x 1 Rib

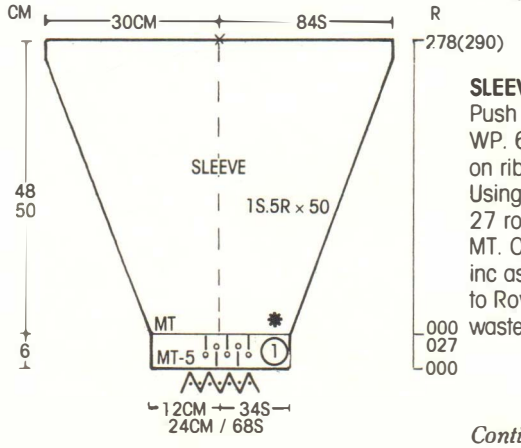
1	x	1	x	1	x	1	



BACK:
Push 84(91) Ns at left and right of centre O to WP. 168(182) Ns altog. Push corresponding Ns on ribber to WP. Arrange Ns for 1 x 1 rib. Using col 1, cast on. RC 000. MT-5, knit 27 rows. Transfer sts to knitter. RC 000. MT. Continue in tuck stitch pattern, knit 232(244) rows. Mark both ends with waste yarn, knit to Row 394(406). Shape Back Neck
Note pos in pattern. Shape as shown on diagram to Row 406(418). Cast off rem 59(66) sts. Keeping pattern correct, knit left part as for right part.



FRONT:
Knit as for Back to Row 203(215). Counting from centre O, mark the 23rd and 62nd st at left with waste yarn. Knit to Row 232(244). Mark both ends with waste yarn. Knit to Row 266(278). Divide for Front Opening
Note pos in pattern. Shape as shown on diagram to Row 290(302). Mark same sts as before. Knit to Row 360(372). Shape Neck
Shape as shown on diagram to Row 406(418). Cast off rem 59(66) sts. Keeping pattern correct, knit left part as for right part.



SLEEVES:
Push 34 Ns at left and right of centre O to WP. 68 Ns altog. Push corresponding Ns on ribber to WP. Arrange Ns for 1 x 1 rib. Using col 1, cast on. RC 000. MT-5, knit 27 rows. Transfer sts to knitter. RC 000. MT. Continue in tuck stitch pattern and inc as shown on diagram. 168 sts. Knit to Row 278(290). Mark centre with waste yarn. Cast off.

Continued on page 38

Patterns 6 and 7

CHUNKY COTTON SWEATER

Chunky machines are ideal for knitting the lovely textured summer yarns which are so abundant at the moment. Your local wool shops are filled with a lovely selection of textures and colours and, since most of them are DK equivalent, many of them will knit to the tension we have used for this design. However, to be on the safe side, I suggest you buy only one ball of the yarn of your choice and test it before buying the whole amount you need. If it proves not to be suitable, it needn't go to waste. Simply unravel the bits you've knitted and use the yarn to add an interesting stripe or two to some other design. If you prefer to knit this design with a less unusual sleeve, knit only 14 rows for the cuff and then continue with colour 1 for the rest of the sleeve.

For 9mm and 8mm Chunky Machines.

SIZES:
To fit 81-86(91-96)cms/32-34(36-38) inch bust.

APPROXIMATE YARN TYPES AND AMOUNTS:
Col 1 (Grey) — 400(450) grms (Cotton slub yarn equivalent to D.K.)
Col 2 (Dark Pink) — 100 grms (Aran Type Yarn)
Col 3 (Green) — 100 grms (Aran Type Yarn)

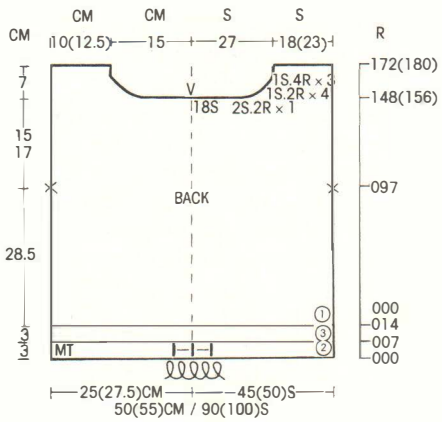
TENSIONS:
Stockinet — 18 sts and 34 rows to 10 cms. TD at approx 0 on 9mm (5 on 8mm) machines.
1 × 1 Rib — 23 rows to 10 cms. TD at approx MT.

PATTERN NOTE:
Stockinet. Purl side is used as right side.

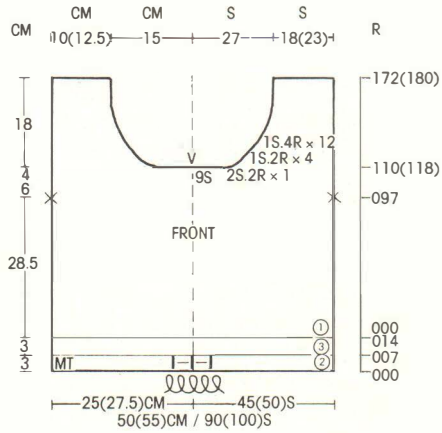
KNITTING TIP

There are lots of lovely handknitting yarns available which are perfect for knitting on chunky machines. However, it is important that each ball of handknitting yarn is rewound using a Wool Winder, making sure the finished ball is not too tight — the yarn should flow freely from the centre of the ball. If it doesn't, rewind the ball again, this time more loosely. You may find that some balls of yarn tend to 'run around the room' when you're winding them. To stop this from happening, pop the ball into a carrier bag. This will keep the ball in one place and make the job of winding much quicker and certainly far less irritating.

BACK:
Push 45(50) Ns at left and right of centre 0 to WP. 90(100) Ns altog. Using col 2, cast on by hand. RC 000. MT, knit 7 rows. Using col 3, knit 7 rows. Drop ev alt st and pick up as for ribbing. RC 000. Using col 1, knit to Row 97. Mark both ends with waste yarn. Knit to Row 148(156).
Shape Back Neck
Shape as shown on diagram to Row 172(180). Cast off rem 18(23) sts. Knit left part as for right part.



FRONT:
Knit as for Back to Row 110(118).
Shape Neck
Shape as shown on diagram to Row 172(180). Cast off rem 18(23) sts. Knit left part as for right part.

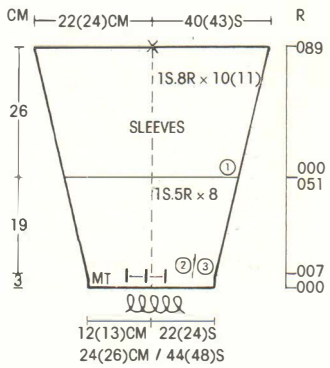


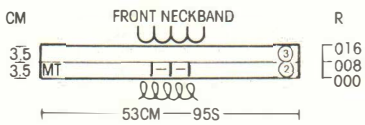
FIRST SLEEVE:
Push 22(24) Ns at left and right of centre 0 to WP. 44(48) Ns altog. Using col 3, cast on by hand. MT, knit 7 rows. Shape as shown on diagram to Row 51. 60(64) sts. Drop ev alt st and pick up as for ribbing. RC 000. Using col 1, shape as shown on diagram to Row 89. 80(86) sts. Mark centre with waste yarn. Cast off. Knit second sleeve as for first sleeve but use col 2 in place of col 3.

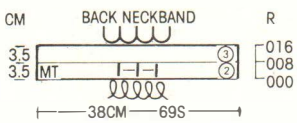
BACK NECKBAND:
Using col 2, cast on 69 sts by hand. RC 000. MT, knit 8 rows. Using col 3, knit 8 rows. Drop ev alt st and pick up as for ribbing. Cast off with waste yarn.

FRONT NECKBAND:
Using col 2, cast on 95 sts by hand. RC 000. MT, knit 8 rows. Using col 3, knit 8 rows. Drop ev alt st and pick up as for ribbing. Cast off with waste yarn.

TO MAKE UP:
Pin out to size and steam carefully. Backstitch neckbands into pos. Join shoulder and neckband seams. Set in sleeves between marked points. Join side and sleeve seams. Give final light steam.







Pattern 7

SWEATER WITH TUCKS

This sweater features an unusual use of hems — another version to add to the collection of 'hem' ideas we gave you last month in our Finishing Touch feature. This particular version will lend itself easily to variations. First of all, try knitting a sample following the instructions given in the Pattern Note and press this sample as directed in the Make Up instructions. Once you have seen how this fabric is produced you can go on to try some of your own alternatives. The first idea to spring to mind is to knit the hems using yarns which have an interesting texture. Angora would give a luxurious effect while 'shiny' hems would contrast well against a matt background. You can also experiment with different colour combinations. We've knitted the background using a grey 4ply with a white 4ply which gives a subtle random effect but you could also produce a bolder effect by mixing two yarns which have a greater contrast. Why not treat yourself to an evening of experimenting with this fabric — you'll have a lovely time.

For 9mm and 8mm Chunky Machines.

SIZES:
To fit 81-86(91-96)cms/32-34(36-38) inch bust.

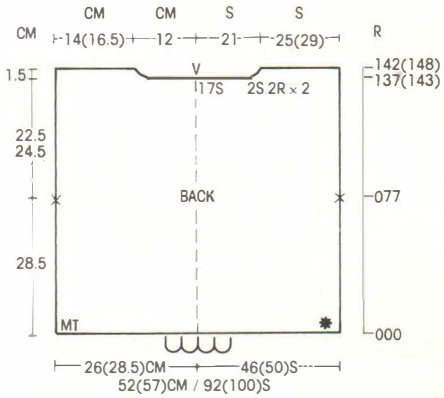
APPROXIMATE YARN TYPES AND AMOUNTS:
4ply Col 1 (White) — 240(290) grms
Col 2 (Grey) — 240(290) grms
Col 3 (Brown) — small amount
Col 4 (Yellow) — small amount
Col 5 (Mauve) — small amount
Col 6 (Coral) — small amount

TENSIONS:
Pattern — 17.5 sts and 27 rows (excluding tucks) to 10 cms. TD at approx 1 on 9mm (6 on 8mm) machines.
1 x 1 Rib — 26 rows to 10 cms. TD at approx MT-1.

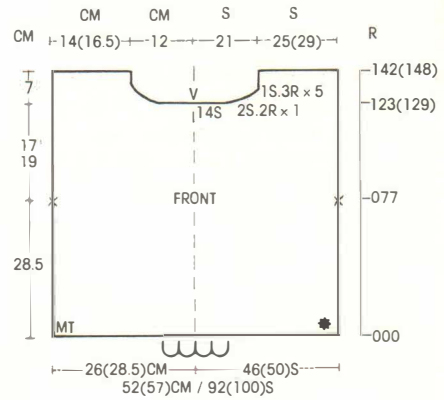
PATTERN NOTE:
Back and Front
Using col 1 and col 2 tog, knit 15 rows. Push the 7th(11th) and ev foll 13th N to HP. Set carr for partial knitting. Stop RC. Knit 4 rows col 3 and 4 rows col 4. Using a transfer tool, pick up sinker loops from the first row in col 3 and place onto corresponding Ns. Push Ns from HP to UWP. Start RC. Using col 1 and col 2 tog, knit 15 rows. Push the same Ns to HP. Stop RC. Knit 4 rows col 5 and 4 rows col 6. Using a transfer tool, pick up sinker loops from the first row in col 5 and place onto corresponding Ns. Push Ns from HP to UWP, start RC.
Sleeves
Work in pattern as on Back and Front but push the 10th(1st) and ev foll 13th N to HP.

BACK:
Push 46(50) Ns at left and right of centre O to WP. 92(100) Ns altog. Using waste yarn cast on ending with carr at left. RC 000. MT. Continue in pattern. Knit to Row 77. Mark both ends with waste yarn. Knit to Row 137(143).
Shape Back Neck
Shape as shown on diagram to Row 142(148). Cast off rem 25(29) sts. Knit left part as for right part.

FRONT:
Knit as for Back to Row 123(129).
Shape Neck
Shape as shown on diagram to Row 142(148). Cast off rem 25(29) sts. Knit left part as for right part.

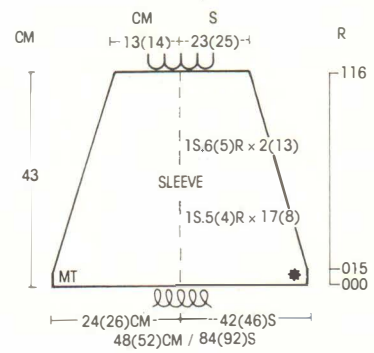


SLEEVES:
Push 42(46) Ns at left and right of centre O to WP. 84(92) Ns altog. Using col 1 and col 2 tog, cast on by hand. MT. Continue in pattern. Knit to Row 15. Shape as shown on diagram. 46(50) sts. Knit to Row 116. Cast off with waste yarn.



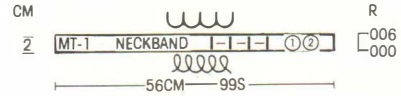
WELTS:
Using col 1 and col 2 tog, cast on 75(83) sts by hand. RC 000. MT-1, knit 13 rows. Drop ev alt st and pick up as for ribbing. With purl side facing, replace sts from lower edge onto Ns gathering evenly. MT, knit 1 row. Cast off loosely.

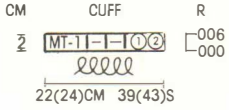
CUFFS:
Using col 1 and col 2 tog, cast on 39(43) sts by hand. RC 000. MT-1, knit 6 rows. Drop ev alt st and pick up as for ribbing. With purl side facing, replace sts from lower edge of sleeve onto Ns gathering evenly. MT, knit 1 row. Cast off loosely.

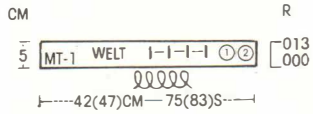


NECKBAND:
Using col 1 and col 2 tog, cast on 99 sts by hand. RC 000. MT-1, knit 6 rows. Drop ev alt st and pick up as for ribbing. Cast off with waste yarn.

TO MAKE UP:
Pin out to size and steam carefully. Press tucks alternately up and down as in picture. Join shoulder seams. Set in sleeves between marked points. Join side and sleeve seams. Join neckband seam and backstitch into pos. Give final light steam.







feeder 1 and yarn F in feeder 2, knit 7 rows. With yarn D in feeder 1 only, knit 2 rows. With yarn D in feeder 1 and yarn G in feeder 2, knit 7 rows. With yarn D in feeder 1 only, knit 2 rows*. Repeat from *to* throughout.

Swatch 4

For Fine Gauge Punchcard Machines
Insert special card 4. Set carr for Fair Isle. *With yarn F in feeder 1 and yarn E in feeder 2, knit 16 rows. With yarn F in feeder 1 only, knit 2 rows. With yarn F in feeder 1 and yarn G in feeder 2, knit 7 rows. With yarn F in feeder 1 only, knit 2 rows*. Repeat from *to* throughout.

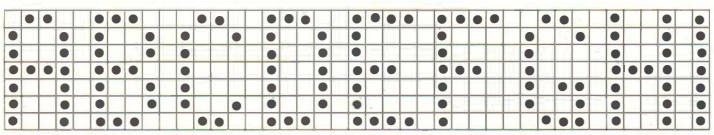
Swatch 5

For 9mm Chunky Punchcard Machines
Insert special card 5. Set carr for Fair Isle. *With yarn J in feeder 1 and yarn K in feeder 2, knit 9 rows. With yarn J in feeder 1 only, knit 2 rows*. Repeat from *to* throughout.

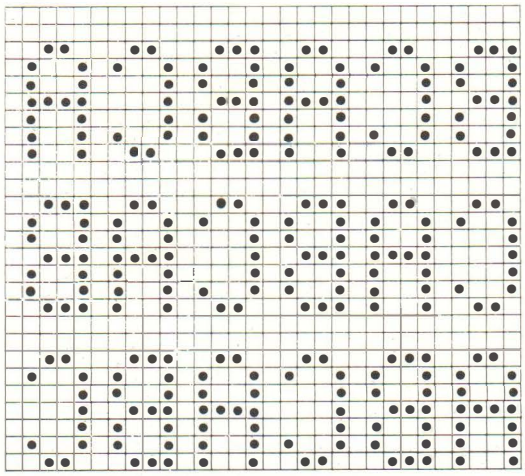
Swatch 6

For 9mm Chunky Punchcard Machines
Insert special card 6. Set carr for Fair Isle. *With yarn H in feeder 1 and yarn I in feeder 2, knit 16 rows. With yarn H in feeder 1 only, knit 2 rows*. Repeat from *to* throughout.

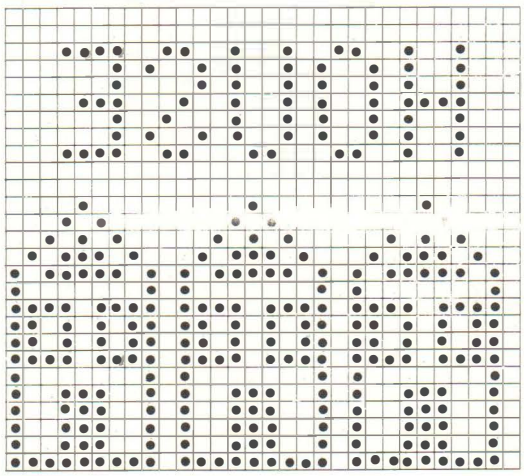
1st part of the Alphabet — for swiss darning, Intarsia and transferring onto punchcards



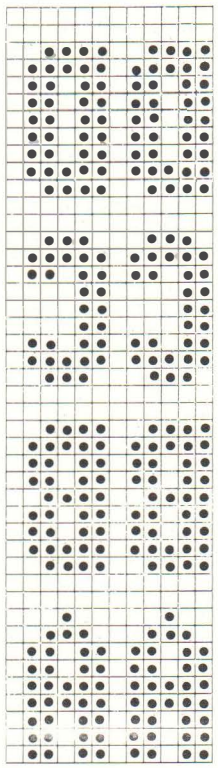
For Fine Gauge Punchcard Machines
Card 3 for Swatch 3

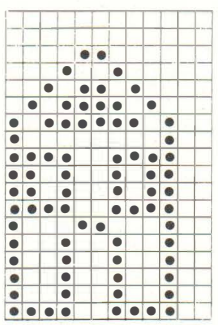


For Fine Gauge Punchcard Machines
Card 4 for Swatch 4

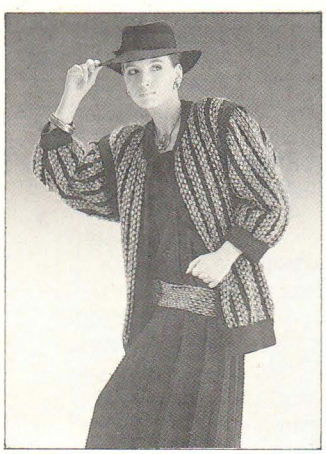


For Chunky Punchcard Machines
Card 5 for Swatch 5





For Chunky Punchcard Machines
Card 6 for Swatch 6



NECKBAND:
Using waste yarn, cast on 134(136) sts. RC 000. MT-2. Using col 1, knit 18 rows. MT, knit 1 row. MT-2, knit 17 rows. MT+2, knit 1 row. Cast off.

CUFFS:
Push 90(97) Ns to WP. With wrong side facing, pick up sts from lower edge of sleeve and place onto Ns. RC 000. MT-2. Using col 1, knit 28 rows. MT, knit 1 row. MT-2, knit 27 rows. MT+2, knit 1 row. Cast off.

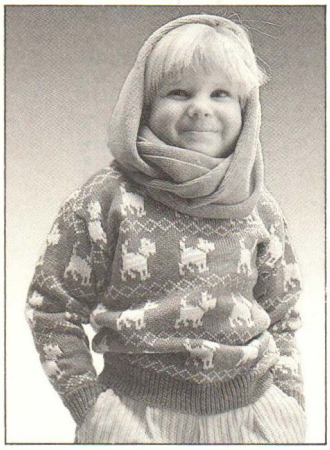
ARMHOLE BANDS:
Using waste yarn cast on 180(200) sts. RC 000. MT-2. Using col 1, knit 15 rows. MT, knit 1 row. MT-2, knit 15 rows. Turn up a hem. MT+2, knit 1 row. Cast off.

TO MAKE UP:
Pin out to size and steam carefully. Join shoulder and sleeve seams. Set in sleeves, inserting armhole bands along cast on and cast off edges of armholes. Join lower bands together. Backstitch lower bands and neckband into pos. Fold bands and cuffs in half and catch down on inside.

FRONT BANDS:
Push 164(169) Ns to WP. With wrong side facing, pick up sts along front edge and place onto Ns. RC 000. MT-2. Using col 1, knit 20 rows. MT, knit 1 row. MT-2, knit 19 rows. MT+2, knit 1 row. Cast off.

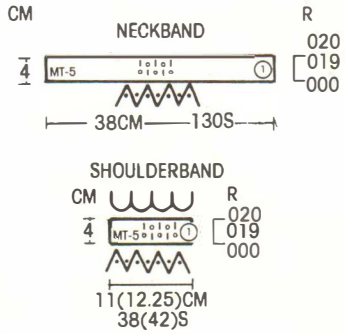
TO COMPLETE MAKE UP:
Fold front bands in half and catch down on inside. Neaten ends. Give final light steam.

Pattern 1 *continued*



NECKBAND:
Arrange 130 Ns for 1 × 1 rib. Using col 1, cast on. RC 000. MT-5, knit 5 rows. Counting from right edge, make a buttonhole over N 4. Knit 10 rows. Make another buttonhole over same N as before. Knit 4 rows. Transfer sts to knitter. Knit 1 row. Cast off.

TO MAKE UP:
Pin out to size and steam carefully. Join right shoulder seam. Sew cast off edge of neckband into pos, fold in half and catch down on the inside. Backstitch buttonhole band to left front shoulder including neckband. Fold in half and catch down on inside. Lap over left back shoulder. Set in sleeves between marked points. Join side and sleeve seams. Finish buttonholes and sew on buttons to correspond. Give final light steam.



Pattern 2 *continued*

COLLAR:
Arrange 146 Ns for 1 × 1 rib. Using col 1, cast on. RC 000. MT-3. Knit to row 38. Transfer sts to knitter. Knit 1 row MT. Cast off using waste yarn.

BUTTONHOLE BAND:
Arrange 39 Ns for 1 × 1 rib. Using col 1, cast on. RC 000. MT-3. Knit 9 rows. Make 3 evenly spaced buttonholes, over 2 Ns. Knit to row 19. Transfer sts to knitter. Knit 1 row MT. Cast off using waste yarn.

BUTTON BAND:
Knit as for Buttonhole Band, omitting Buttonholes.

TO MAKE UP:
Pin out to size and steam carefully. Join shoulder seams. Set in sleeves between marked points. Join side and sleeve seams. Backstitch bands into pos. Finish Buttonholes and sew on Buttons to correspond. Backstitch collar into pos. Give final light steam.

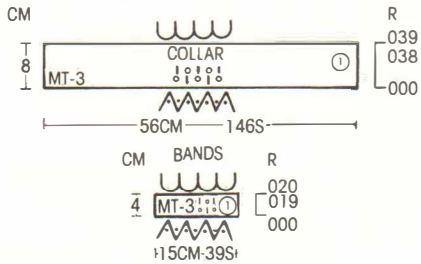


Chart for Standard Gauge Machines

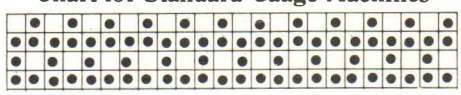
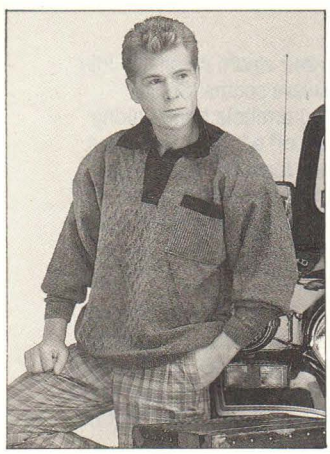


Chart for Electronic Machines

Pattern 5 *continued*



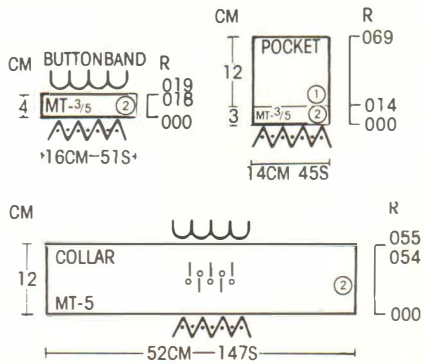
COLLAR:
Arrange 147 Ns for 1 × 1 rib. Using col 2, cast on. RC 000. MT-5, knit 54 rows. Transfer sts to knitter. Knit 1 row MT. Cast off.

BUTTONBAND:
Arrange 51 Ns for double rib. Using col 2, cast on. Transfer sts for double rib/1 × 1 rib. MT-3 on knitter and MT-5 on ribber, knit 18 rows. Transfer sts to knitter. Knit 1 row MT. Cast off with waste yarn.

BUTTONHOLE BAND:
Knit as for button band but make 3 evenly spaced buttons over 2 Ns on Row 9.

POCKET:
Arrange 45 Ns for double rib. Using col 2, cast on. Transfer sts for double rib/1 × 1 rib. MT-3 on knitter and MT-5 on ribber, knit 14 rows. Continue in col 1, knit to Row 69. Cast off.

TO MAKE UP:
Pin out to size and steam carefully. Join shoulder seams. Set in sleeves between marked points. Join side and sleeve seams. Sew pocket into pos. Sew bands and collar into pos. Finish buttonholes and sew on buttons to correspond. Give final light steam.



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Here at Modern Knitting we like to think we offer you a comprehensive information service as well as a constant supply of super patterns. But we've discovered there's an important element missing from all the hints, tips, techniques and ideas we provide!

You want to know what's available and where to buy it, and occasionally you even want to sell something yourself.

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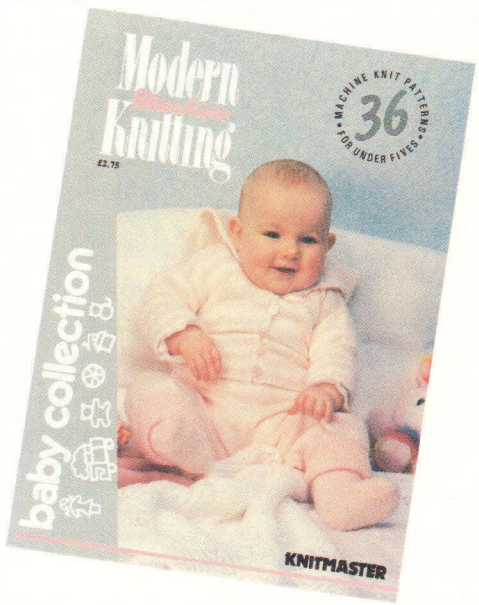

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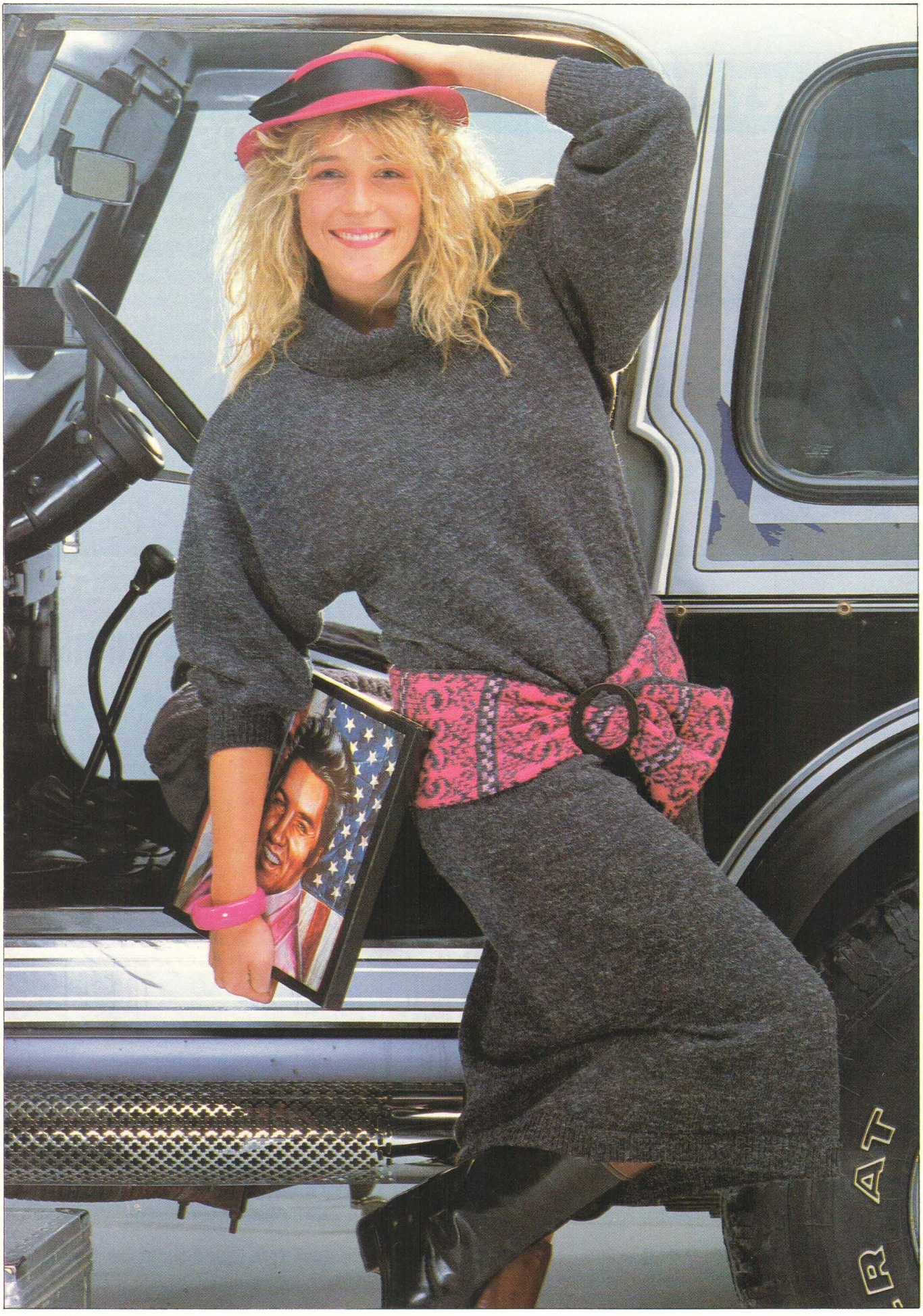
Pattern 8



ANGORA-LOOK DRESS WITH BELT

This lovely, cosy dress is so wearable that it has to be a must for your Winter/ Spring wardrobe. We've teamed it with a knitted Fair Isle belt but you can wear it with a lovely thick leather belt or perhaps knit a narrower self coloured belt. The choice is yours. On page 43 you'll see we've teamed it with a long-line Fair Isle cardigan, but this dress is so versatile that you can easily dress it up or dress it down in almost any way that takes your fancy. You might like to consider knitting it in a pale pastel for spring wear or perhaps even in stripes of pastels for a different effect.

Dress with Fair Isle belt — For Standard Gauge Punchcard & Electronic Machines with Ribbing Attachment.
Dress with Stockinet belt — For Fine Gauge Machines with Ribbing Attachment.

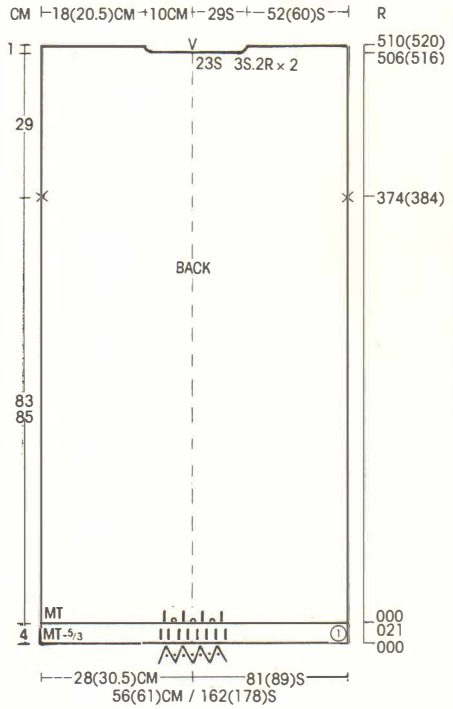
SIZES:
To fit 81-86(91-96)cms/32-34(36-38) inch bust.

APPROXIMATE YARN TYPES AND AMOUNTS:
Col 1 (Black) — 600(650) grms (King Cole Angora look)
Col 2 (Fuschia) — small amount (King Cole Anti-Tickle) for Standard Gauge only
Col 3 (Lilac) — small amount (King Cole Anti-Tickle) for Standard Gauge only
Buckle

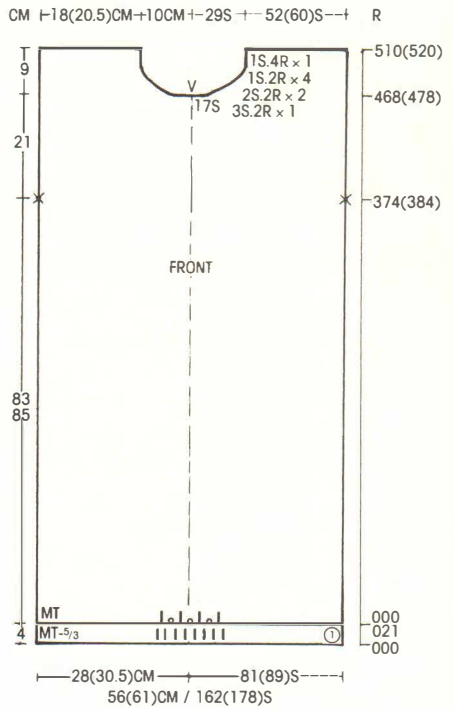
TENSIONS:
Stockinet — 29 sts and 45 rows to 10 cms. TD at approx 6 on Standard Gauge (8 on Fine Gauge) Machines.
Fair Isle — 34 sts and 41 rows to 10 cms. TD at approx MT.
Double/1 x 1 rib (Welts) — 54 rows to 10 cms. TD's at approx MT-5 on knitter, MT-3 on ribber.
1 x 1 rib (Cuff & Collar) — 48 rows to 10 cms. TD's at approx MT-5.

PATTERN NOTE:
Fair Isle — Card 263 A, from Knitmaster Punchcard Set, series 55. See Fair Isle Charts for Long Line Cardigan.
Col 1 in feeder 1, col 3 in feeder 2, knit 4 rows. Cal 1 in feeder 1, knit 2 rows. Col 1 in feeder 1, col 2 in feeder 2, knit 34 rows. Col 1 in feeder 1, knit 2 rows. Repeat throughout.

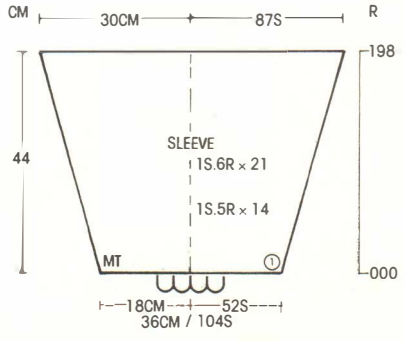
BACK:
Push 81(89) Ns at left and right of centre O to WP. 162(178) Ns altog. Push corresponding Ns on ribber to WP. Arrange Ns for double rib. Using col 1, cast on. Transfer ev alt st from knitter to ribber. RC 000. MT-5 on knitter, MT-3 on ribber. Knit to row 21. Transfer sts to knitter. RC 000. MT. Continue in stockinet to row 374(384). Mark both ends with waste yarn. Knit to row 506(516).
Shape Neck
Shape as shown on diagram to row 510(520). Cast off rem 52(60) sts. Knit left part as for right part.



FRONT:
Knit as for Back to row 468(478).
Shape Neck
Shape as shown on diagram to row 510(520). Cast off rem 52(60) sts. Knit left part as for right part.



SLEEVES:
Push 52 Ns at left and right of centre O to WP. 104 Ns altog. Using waste yarn, cast on. RC 000. MT. Using col 1, continue in stockinet, increasing as shown on diagram. 174 sts. Knit to row 198. Mark centre with waste yarn. Cast off.



Continued on page 47

Pattern 9

LONG LINE FAIR ISLE CARDIGAN

This useful long-line cardigan goes well with the dress featured on page 40. However, this is a useful style and shape and can be used to complete almost any outfit. Choose your colours carefully to co-ordinate with the rest of your outfit and, if you like substitute a different Fair Isle pattern to ring the changes. We've knitted a belt using the same colours and Fair Isle pattern and you'll also find a co-ordinating shawl pattern on our Useful Pattern Page. You might even like to consider knitting a matching headband. This idea is also included on the Useful Pattern Page.

For Standard Gauge Punchcard and Electronic Machines with Ribbing Attachment.

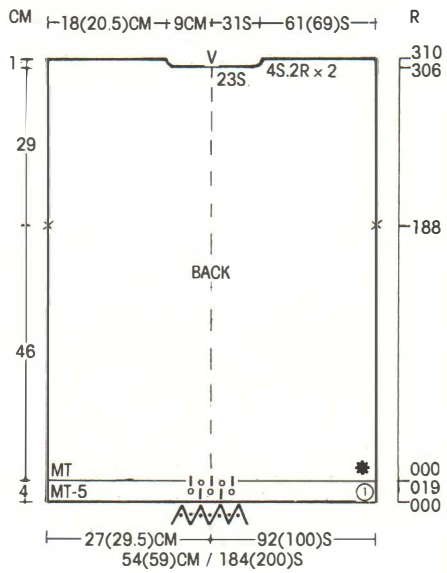
SIZES:
To fit 81-86(91-96) cms/32-34 (36-38) inch bust.

APPROXIMATE YARN TYPES AND AMOUNTS:
King-Cole Yarn.
Col 1 (Black) — 340(390) grms (Angora Look)
Col 2 (Fuschia) — 300(350) grms (Anti-Tickle 4ply)
Col 3 (Lilac) — 45(65) grms (Anti-Tickle 4ply)
7 buttons.

TENSIONS:
Fair Isle — 34 sts and 41 rows to 10 cms. TD at approx 6
1 × 1 rib — 48 rows to 10 cms. TD's at approx MT-5.
1 × 1 rib (Neckbands) — 32 sts and 48 rows. TD's at approx MT-5.

PATTERN NOTE:
Fair Isle —
Standard Gauge Punchcard — Card 263A, from Knitmaster Punchcard Set series 55
Electronic —
See Chart. *Col 1 in Feeder 1, col 3 in Feeder 2, knit 4 rows. col 1 only, knit 2 rows. Col 1 in Feeder 1, Col 2 in Feeder 2, knit 34 rows. Col 1 only, knit 2 rows*. Repeat from *to* throughout.

BACK:
Push 92(100) Ns at left and right of centre O to WP. 184(200) Ns altog. Push corresponding Ns on ribber to WP. Arrange Ns for 1 × 1 rib. Using col 1, cast on RC 000. MT-5. Knit to row 19. Transfer sts to knitter. RC 000. MT. Continue in Fair Isle pattern. Knit to row 188, mark both ends with waste yarn. Knit to row 306.
Shape Neck
Note pos in pattern. Shape as shown on diagram to Row 310. Cast off rem 61(69) sts. Keeping pattern correct, knit left part as for right part.



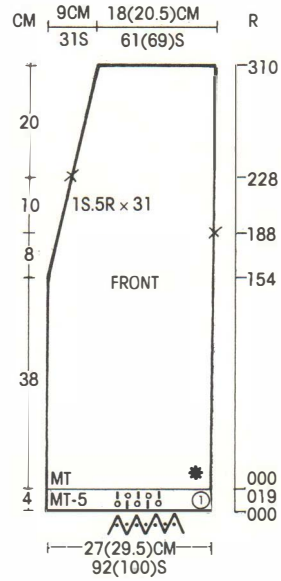
RIGHT FRONT:
Push 92(100) Ns at right of centre O to WP. Push corresponding Ns on ribber to WP. Arrange Ns for 1 × 1 rib. Using col 1, cast on. RC 000. MT-5. Knit 19 rows. Transfer sts to knitter. RC 000. MT. Continue in Fair Isle pattern. Knit to row 155.
Shape Left Edge
Shape as shown on diagram to row 188, mark right edge with waste yarn. Knit to row 228, mark left edge with waste yarn. Continue shaping as shown on diagram to row 310. Cast off rem 61(69) sts.

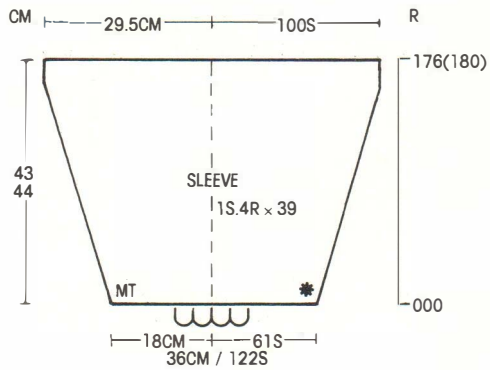
LEFT FRONT:
Knit as for Right Front, but in reverse.

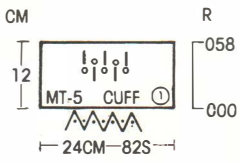
SLEEVES:
Push 61 Ns at left and right of centre O to WP. 122 Ns altog. Using waste yarn, cast on. Change to col 1. RC 000. MT. Continue in Fair Isle pattern, increasing as shown on diagram. 200 sts. Knit to row 176(180). Mark centre with waste yarn. Cast off.

CUFFS:
Push 82 Ns to WP. Push corresponding Ns on ribber to WP. Arrange Ns for 1 × 1 rib. Using col 1, cast on. RC 000. MT-5. Knit to row 58. Transfer sts to knitter. With wrong side of sleeve facing, hook the 1st row above waste yarn onto the cuff, gathering evenly. Knit 1 row MT+4. Cast off.
Repeat for second sleeve.

Continued on page 47

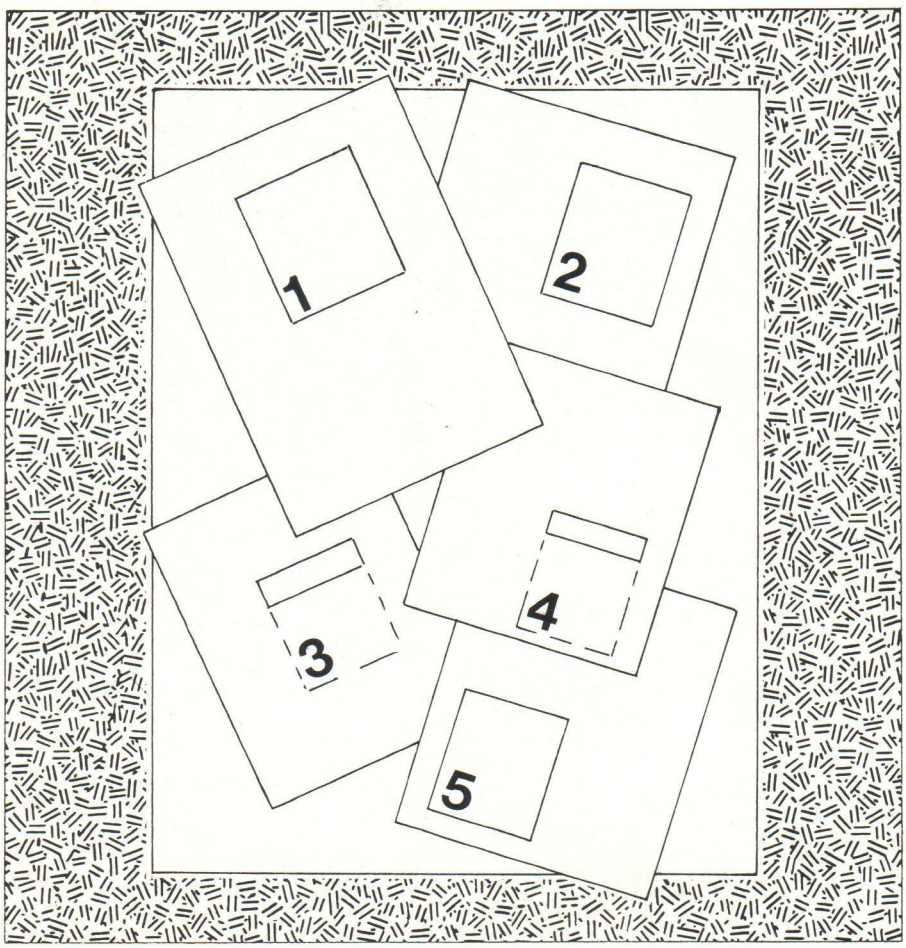






THE FINISHING TOUCH

Each month on our Finishing Touch Page we try to include at least one new technique for you to learn. This month is no exception as we take a closer look at pockets on knitwear and the various techniques you can use to give garments that professional touch. There are two alternatives to making an inserted pocket, you may find one easier than the other but do try a sample of both of them and see which finish you like best. Alternatively, you may prefer the patch-pocket finish using either a rib or single-bed method. Single-motif is ideal for patch-pockets and can look great fun on children's clothes as well as giving a neat finish to adult knitwear. We've also included the blind or matress stitch technique for neatly attaching pockets to garments. It's very easy to decorate simple plain knitwear with a pocket detail or single motif image. They're very easy to make and certainly worth considering when finishing off a piece of knitwear.



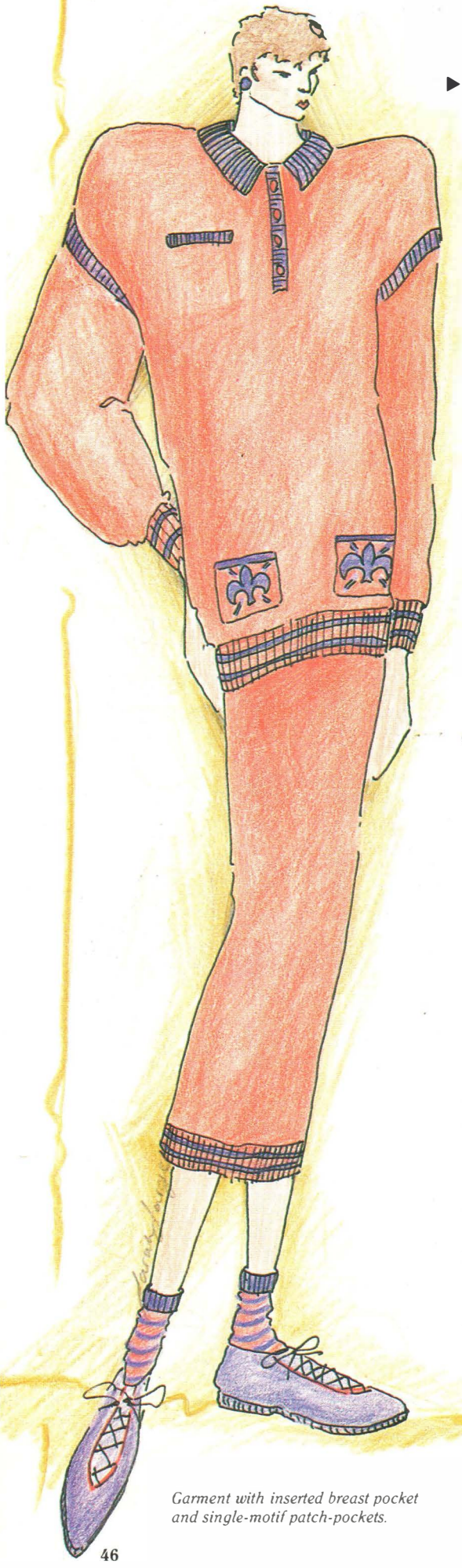
Swatch 1

Single Motif Patch-Pocket
Push 18 Ns at left and right of centre O to WP. 36 Ns altog. Using waste yarn, cast on. Push Ns to HP. Using col 1, cast on by hand. Continue in stockinet col 1. Knit 6 rows. Insert special card 1 and lock on row 1. Set machine for single motif knitting over centre 24 sts. Take carr across twice without knitting to memorise. Release card. With col 1 in feeder 1 and col 2 in feeder 2, knit 40 rows Fair Isle. Lock card. Using col 1, knit 10 rows stockinet. Knit 1 loose row. Knit 8 rows at MT. Cast off. Pin out pocket and press. Turn in 8 rows at top of pocket and catch down on the inside. Sew pocket onto garment in required position using matress or blind stitch. Give final light steam.

Swatch 2

Double/1 × 1 Rib Patch-Pocket
Push 15 Ns at left and right of centre O to WP. 30 Ns altog. Push corresponding Ns on ribber to WP. Arrange Ns for double rib. Using col 2, cast on. Transfer alt sts from ribber to knitter. Knit 10 rows. Continue in col 1 and knit 48 rows. Transfer sts from ribber to knitter. Knit 1 loose row and cast off using latch tool. Sew pocket onto garment in required position using matress or blind stitch. Give final light steam. ▶

ADRIAN MOLES PENCIL
Platignum
ADRIAN MOLES PENCIL
Platignum

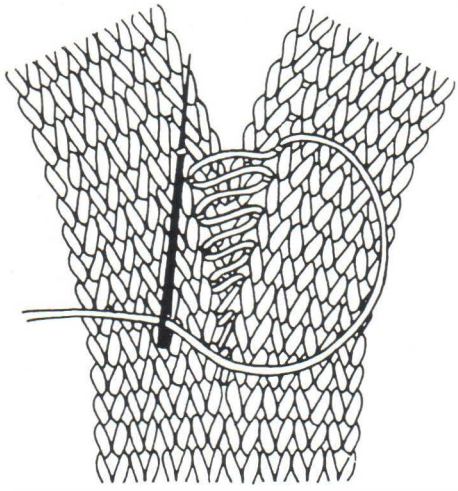


Garment with inserted breast pocket and single-motif patch-pockets.

▶ Swatch 3

Inserted Pocket (A)
Using main col, knit up to pocket opening ending with carr at left. Push Ns at right of pocket opening to HP. Set carr for partial knitting. Take carr to right. Push Ns at left of pocket opening to HP. Continue in stockinet and knit approximately 60 rows ending with carr at right. Push Ns at left from HP to UWP. Take carr to left. Push Ns at right from HP to UWP. Set carr to knit and continue to top of garment. Pocket Trim — Push same number of Ns as pocket opening to WP. Push corresponding Ns on ribber to WP. Arrange Ns for 1 × rib. Inc 1 st at both ends. Using a contrast col, cast on. Continue in main col and knit 10 rows. Transfer sts from ribber to knitter. Knit 1 loose row and cast off with waste yarn. Backstitch trim to top of pocket and catch down both edges. Join sides of pocket bag together. Give final light steam.

Blind or Matress Stitch Technique



With the right sides facing you, pick up the sinker loop between the last 2 stitches from the edge. Repeat as illustrated. This technique can be used for joining seams or attaching pockets.

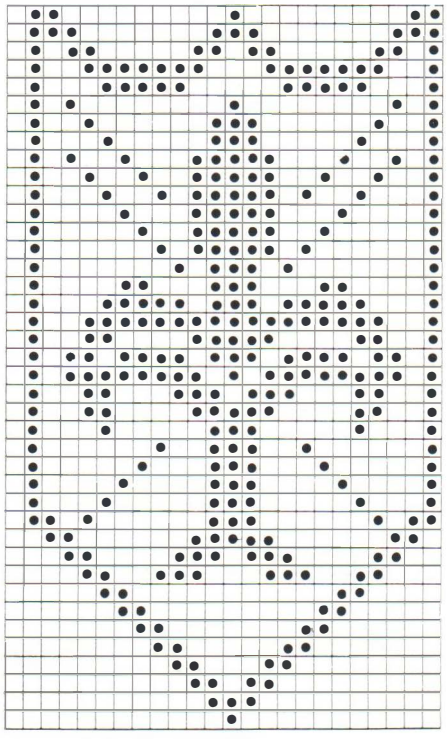
Swatch 4

Inserted Pocket (B)
Using main col, knit up to pocket opening. Push required number of Ns for pocket to UWP. Using a length of contrast yarn knit the sts back to WP by hand. Continue to top of garment. Pocket Trim — Push the same number of Ns as pocket opening to WP. Push corresponding Ns on ribber to WP. Arrange Ns for 1 × 1 rib. Using main col, cast on and knit required number of rows. Transfer sts from ribber to knitter. Knit 1 loose row and cast off using waste yarn. Hold the fabric upside down with wrong side facing. Pick up the stitches of the row (interlooped) before the contrast yarn and place onto corresponding Ns. Place the stitches from the last row of the pocket trim into the same Ns. Knit 1 loose row and cast off using a latch tool. Fold the fabric with the wrong side facing out as before and pick up the loops of the first row after the waste yarn and place onto corresponding Ns. Knit the length of the pocket bag and cast off using a latch tool. Pull out the waste yarn from the fabric. Push the pocket trim to the right side and stitch down both edges. Turn the fabric to the wrong side and stitch down the inside of the pocket. Give final light steam.

Swatch 5

Fair Isle Patch-Pocket
Push 15 Ns at left and right of centre O to WP. 30 Ns altog. Using waste yarn cast on. Push Ns to HP. Using main yarn cast on by hand. Using a transfer tool take Ns back to WP. Insert special card 2 into machine and lock on row 1. Take carr across twice without knitting to memorise. Release card. With col 1 in feeder 1 and col 2 in feeder 2, knit 40 rows Fair Isle. Lock card. Using col 1, knit 8 rows. Knit 1 loose row. Knit 8 rows MT. Cast off. Fold top of pocket 8 rows to the inside and catch down into pos. Pin out pocket and press. Sew into position matching Fair Isle pattern with garment.

Special Card 1



Special Card 2

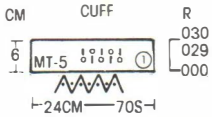
Pattern 8 *continued*

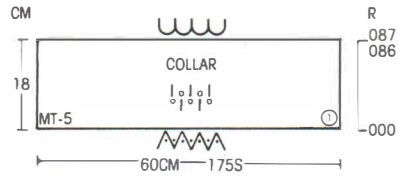
CUFFS:
Arrange 70 Ns for 1 × 1 rib. Using col 1, cast on. RC 000. MT-5. Knit to row 29. Transfer sts to knitter. With purl side of sleeve facing, pick up sts from below waste yarn and place onto Ns gathering evenly. Knit 1 row MT. Cast off.

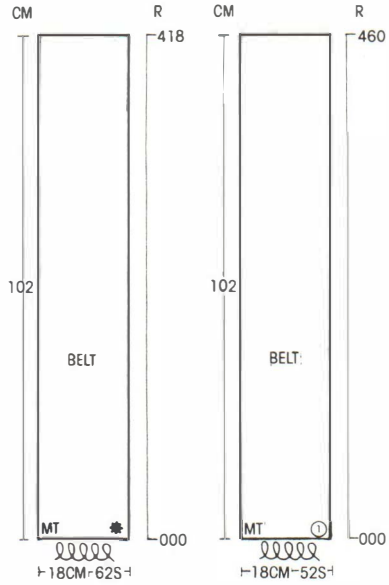
COLLAR:
Arrange 175 Ns for 1 × 1 rib. Using col 1, cast on. RC 000. MT-5. Knit to row 86. Transfer sts to knitter. Knit 1 row MT. Cast off, using waste yarn.

BELT:
Main Part
Push 31 Ns at left and right of centre O to WP. 62 Ns altog. Using col 1, cast on by hand. RC 000. MT. Continue in Fair Isle to row 418. Cast off.
Stockinet Piece
Push 26 Ns at left and right of centre O to WP. 52 Ns altog. Using col 1, cast on by hand. RC 000. MT. Continue in Stockinet to row 460. Cast off.
For Standard Gauge Machines, knit both pieces.
For Fine Gauge Machines, knit 2 Stockinet pieces.

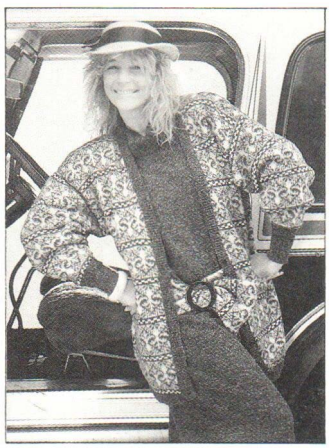
TO MAKE UP:
Pin out to size and steam carefully. Join shoulder seams. Set in sleeves between marked points. Join side and sleeve seams. Backstitch Collar into pos, and join centre back seam. Fold in half to the outside. With right sides facing, join 2 pieces of Belt. Turn right side out. Attach buckle. Give final light steam.



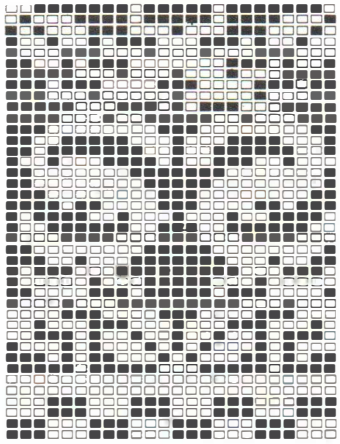


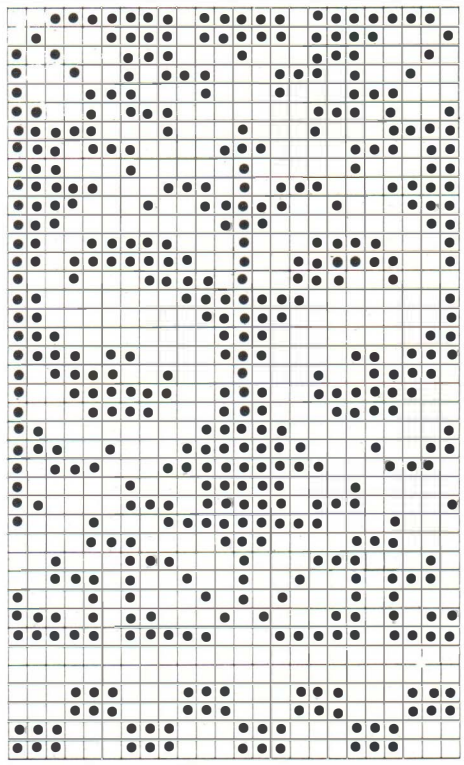


Pattern 9 *continued*

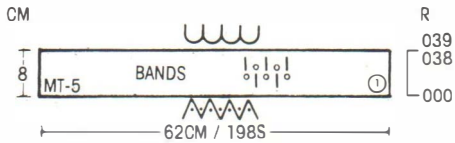


Electronic Chart





Standard Gauge Chart



BUTTONHOLE BAND:
Push 198 Ns to WP. Push corresponding Ns on ribber to WP. Arrange Ns for 1 × 1 rib. Using col 1, cast on. RC 000. MT-5. Knit to row 10. Counting from right edge, make buttonholes over the following Ns: 6 & 7, 26 & 27, 46 & 47, 66 & 67, 86 & 87, 106 & 107, 126 & 127. Knit to row 28. Make Buttonholes over the same Ns as before. Knit to row 38. Transfer sts to knitter. Knit 1 row MT. Cast off using waste yarn.

BUTTON BAND:
Knit as for Buttonhole Band, omitting Buttonholes.

NECKBAND:
Knit as for Buttonhole Band, omitting Buttonholes.

TO MAKE UP:
Pin out to size and steam carefully. Join shoulder seams. Set in sleeves between marked points. Join side and sleeve seams. Backstitch Button and Buttonhole bands between marked point on front and lower edge. Backstitch Neckband into pos. Join seams. Fold in half and catch down on the inside. Finish buttonholes and sew on buttons to correspond. Give final light steam.

Pattern 10

INTARSIA SLIPOVER

This simple slipover belongs to a collection of handknitting leaflets which feature Lister's Shalimar Shimmer. We have converted the instructions for this particular design (Lister's handknitting leaflet no. 2242) so that you can knit it on your chunky machines. If your chunky doesn't knit intarsia, you can knit this sweater plain or perhaps plain with contrasting ribs or even in big bold stripes. In fact these variations are worth bearing in mind even if your machine does knit intarsia.

KNITTING TIP

The intarsia chart given in this pattern is really too small to knit from so, for the sake of your eyesight and sanity, you should redraw it onto a large sheet of graph paper. To make the chart easier to follow while knitting, place it on a chair or small table beside you with a ruler underneath the row you are working on to help you keep the place. After knitting each row, move the ruler up to the next row. You will also find it an advantage to mark some row numbers and stitch numbers on the chart to give you a reference point from time to time.

For 9mm Chunky Machines with Intarsia and Ribbing Attachment.

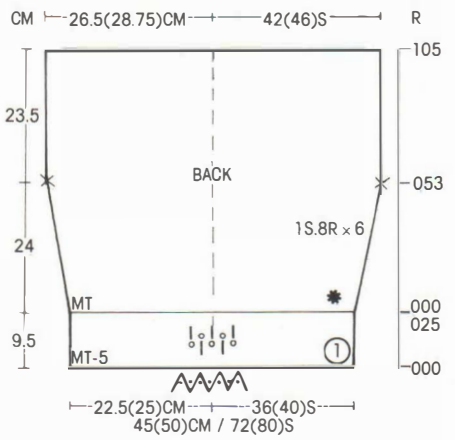
SIZES:
To fit 76-81(86-91)cms/30-32(34-36) inch bust.

APPROXIMATE YARN TYPES AND AMOUNTS:
Lister Shalimar Shimmer
Col 1 (shade 930) — 5 × 25grm balls
Col 2 (shade 934) — 2(3) × 25 grm balls
Col 3 (shade 935) — 2 × 25 grms balls

TENSIONS:
Stockinet — 16 sts and 22 rows to 10 cms. TD at approx 4. 1 × 1 Rib — 26 rows to 10 cms. TD's at approx MT-5.

PATTERN NOTE:
For intarsia pattern follow chart.

BACK:
Push 36(40) Ns at left and right of centre O to WP. 72(80) Ns altog. Push corresponding Ns on ribber to WP. Arrange Ns for 1 × 1 rib. Using col 1, cast on. RC 000. MT-5, knit 25 rows. Transfer sts to knitter. RC 000. MT. Continue in pattern and inc as shown on diagram. 84(92) sts. Knit to Row 53. Mark both ends with waste yarn. Knit to Row 105. Cast off.

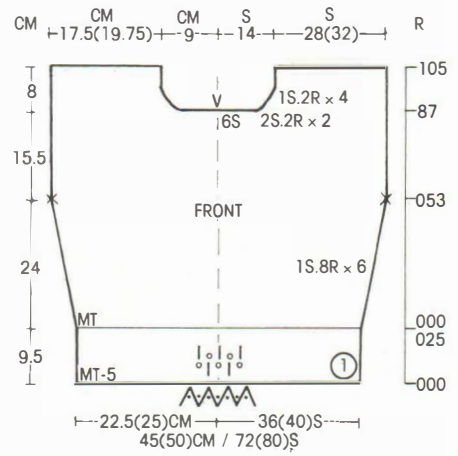


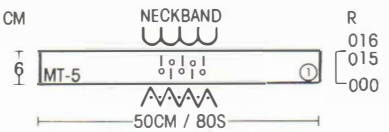
FRONT:
Knit as for Back to Row 87.
Shape Neck
Note pos in pattern. Shape as shown on diagram to Row 105. Cast off rem 28(32) sts. Keeping pattern correct, knit left part as for right part.

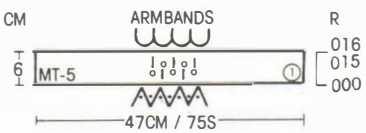
NECKBAND:
Arrange 80 Ns for 1 × 1 rib. Using col 1, cast on. RC 000. MT-5, knit 15 rows. Transfer sts to knitter. Knit 1 row MT. Cast off with waste yarn.

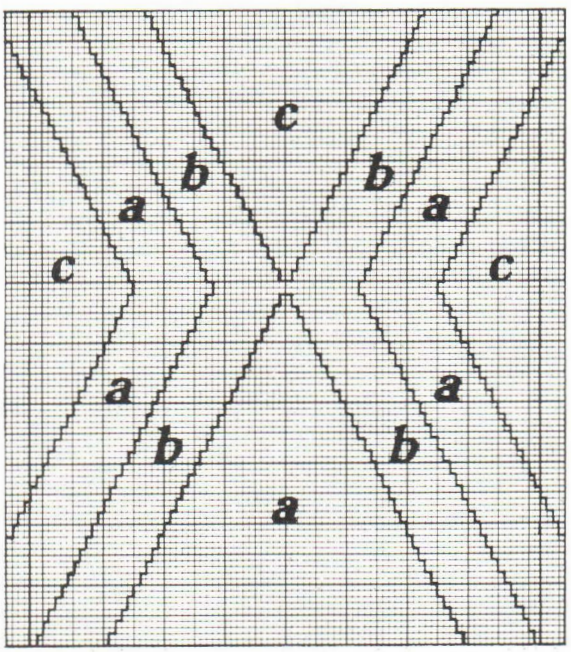
ARMBANDS:
Arrange 75 Ns for 1 × 1 rib. Using col 1, cast on. RC 000. MT-5, knit 15 rows. Transfer sts to knitter. Knit 1 row MT. Cast off with waste yarn.

TO MAKE UP:
Pin out to size and steam carefully. Join shoulder and side seams. Backstitch neckband into pos and join centre back seam. Fold in half and catch down on the inside. Backstitch armbands into pos and join seam. Fold in half and catch down on the inside. Give final light steam.









Pattern 10

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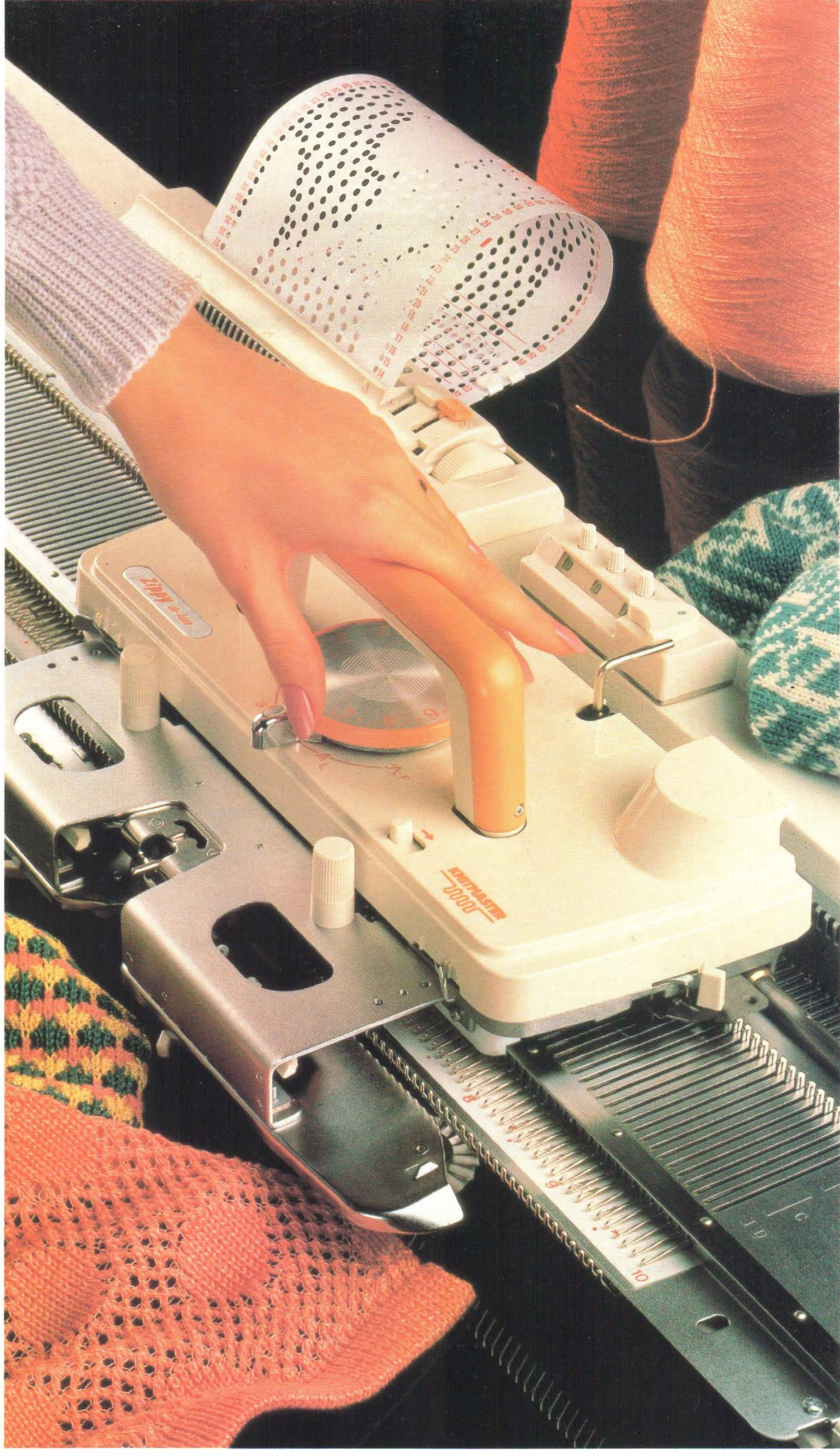
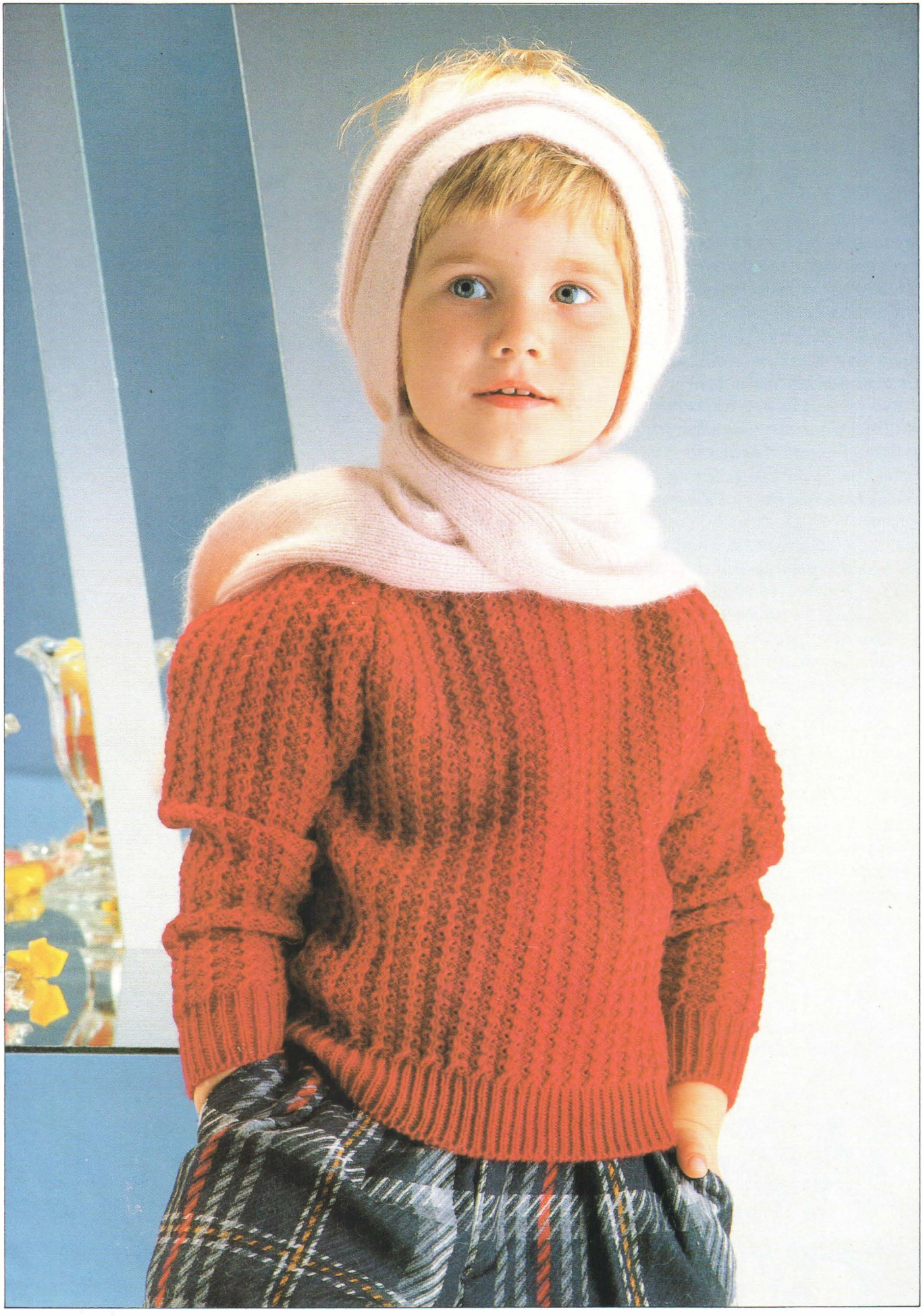


Zippy De Luxe

Automatic punchcard patterning. Without half the fuss.

ONE TOUCH AND YOU'RE HOOKED.

Pattern 11



TODDLERS RIBBED SWEATER

Raglan shaping always seems to be very popular and has been for very many years. I can't even begin to count how many requests we get for sweaters with raglan shaping — whether it be for babies, toddlers, women or men. I suspect the requests are frequent because most people don't know how to make their own raglan patterns. It's really not as complicated as you think to make a raglan pattern so we'll give you an easy step-by-step guide to making one in a month or two. In the meantime, here's a toddler's raglan pattern to be going on with.

For Knitmoster Standard Gouge Machines with Ribbing Attachment.

SIZES:
To fit 56(61)cms/22(24) inch chest.

APPROXIMATE YARN TYPES AND AMOUNTS:
Knitmoster Kone 4ply
Col 1 (Fashion Flip) — 100(130) grms
4 Buttons

TENSIONS:
Rib Pattern — 27 sts and 46 rows to 10 cms. TD's at approx 5 1 × 1 Rib — 48 rows to 10 cms. TD's at approx MT-3.

PATTERN NOTE:
Rib Pattern — Com lever stockinet. Left set lever O. Pick knob n. Half pitch lever H. Swing indicator 5. Arrange Ns and transfer sts as shown on diagram. Pick up loops and place onto empty Ns. *Knit 2 rows. Swing indicator 3. Knit 2 rows. Swing indicator 5*. Rept from *to* throughout.

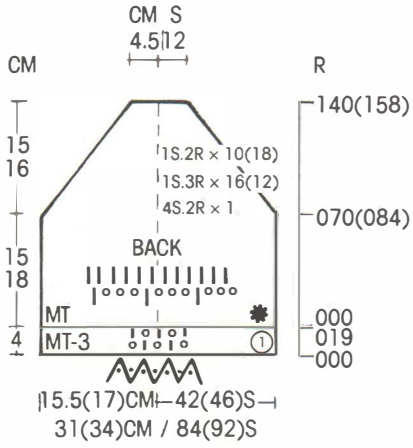
BACK:
Push 42(46) Ns at left and right of centre O to WP. 84(92) Ns oltog. Push corresponding Ns on ribber to WP. Arrange Ns for 1 × 1 rib. Using col 1, cost on. MT-3, knit 19 rows. Continue in rib pattern, knit 70(84) rows.
Shope Roglan Armholes
Shope as shown on diagram to Row 140(158). Cost off rem 24 sts.

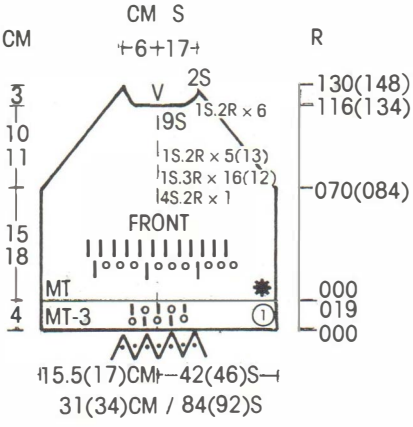
FRONT:
Knit as for Bock to Row 116(134).
Shope Neck
Note pos in pattern. Shope as shown on diagram to Row 130(148). Fasten off rem 2 sts. Keeping pattern correct, knit left port as for right port.

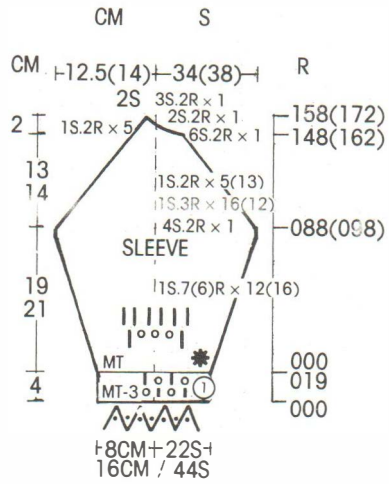
SLEEVES:
Push 22 Ns at left and right of centre O to WP. 44 Ns oltog. Push corresponding Ns on ribber to WP. Arrange Ns for 1 × 1 rib. Using col 1, cost on. RC 000. MT-3, knit 19 rows. RC 000. MT. Continue in rib pattern and inc as shown on diagram. 68(76) sts. Knit to Row 88(98).
Shope Roglan Top
Shope as shown on diagram to Row 158(172). Fasten off rem 2 sts. Knit second sleeve in reverse.

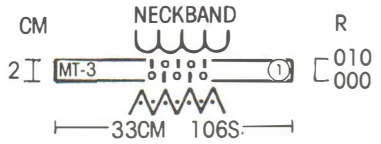
NECKBAND:
Arrange 106 Ns for 1 × 1 rib. Using col 1, cost on. RC 000. MT-3, knit 10 rows. Transfer sts to knitter. Knit 1 row MT. Cost off with waste yarn.

TO MAKE UP:
Pin out to size and steam carefully. Join raglan seams leaving 6 cms open on left bock raglan. Join side and sleeve seams. Backstitch neckband into pos. Work 1 row of double crochet along both edges of raglan opening then work a second row along one edge making 4 buttonloops. Sew on buttons to correspond. Give final light steam.









BLACK DRESS AND WOVEN JACKET

This extremely elegant dress and jacket is the design which took Jane Kirby to the finals of Knitmaster's Master Knitter championship in May of last year. I think you'll agree that Jane was a very worthy finalist.

You will notice in the tension information for lace patterns A and B that you are told to pull the tension square sideways. This is in complete contradiction to what you would normally do to a tension square, which is to pull it lengthways so that the stitches 'close up' after having been 'stretched' across your machine. The reason we give the opposite information in this case is that these two tension squares are for the skirt which has been knitted sideways. Therefore you must pull the tension square sideways to simulate what will happen to the knitting when it is being worn. This is a useful tip to remember when knitting your own sideways knitted skirt and sweater designs.

For Knitmaster Standard Gauge Punchcard and Electronic Machines with Lace Carriage.

SIZES:
To fit 81-86(91-96)cms/32-34(36-38) inch bust.

APPROXIMATE YARN TYPES AND AMOUNTS:
Col 1 (Black) — 850(1,000) grms (Knitmaster Kone 4ply)
Col 2 (Grey/White) — 350(500) grms (textured chunky yarn)
4 Buttons
Lining

TENSIONS:
Lace Pattern A — 23.5 sts and 42 rows to 10 cms. TD at approx 8 (pull tension square sideways).
Lace Pattern B — 26 sts and 32.5 rows to 10 cms. TD at approx. MT+1
Stockinet — 26 sts and 46 rows to 10 cms. TD at approx MT-2 (pull tension square sideways).
Weaving Pattern C — 24 sts and 48 rows to 10 cms. TD at approx MT-1
Weaving Pattern D — 24 sts and 42 rows to 10 cms. TD at approx MT (pull tension square sideways).

PATTERN NOTES:
Lace Patterns A and B
Knitmaster Punchcard machines — Card L5 inserted back to front.
Knitmaster Electronic machines — Card L(5). Pattern width indicator 12. Point cams 2 Ns in from edges. Needle 1 cam between Ns 6 and 7. Buttons 1 (left) and 2 (left).
Lace Pattern A
Lock card on first row. *Knit 14 rows stockinet. Release card. Knit 17 rows lace. Lock card on first row. Knit 5 rows stockinet. Transfer ev alt st to its adjacent N. Leave empty Ns in WP. Knit 11 rows stockinet. MT-3, knit 1 row. MT*. Rept from *to* throughout
Lace Pattern B
Card on 9th row. Knit 9 rows lace. *Lock card on first row. Knit 17(19) rows stockinet. Release card. Knit 17 rows lace*. Rept from *to* throughout.
Weaving Pattern C and D
Card 3. Col 1 in feeder 1 and weave with col 2.
Weaving Pattern C
Weave 2 rows. Knit 2 rows stockinet.
Weaving Pattern D
Weave 2 rows. Knit 2 rows stockinet. Weave 2 rows. Knit 2 rows stockinet. Weave 2 rows. Knit 8(10) rows stockinet.

DRESS

SKIRT:
Push 73 Ns at left and right of centre O to WP. 146 Ns altog. Cast on with waste yarn. RC 000. Using col 1, continue in lace pattern A, knit to Row 768(864). Cast off with waste yarn.

RIGHT BACK:
Push 88 Ns at left and 45(50) Ns at right of centre O to WP. 133(138) Ns altog. Cast on with waste yarn. RC 000. MT-2. Using col 1, knit 8 rows. Transfer ev alt st onto adjacent N. Leave empty Ns in WP. Knit 9 rows. Turn up a hem. RC 000. Knit to Row 21.
Shape Neck
Shape as shown on diagram. 140(145) sts. Knit to Row 102(114).
Shape Side Edge
Shape as shown on diagram to Row 103(115). 52(57) sts.
Shape Armhole
Set carr for partial knitting. Push Ns shown on diagram to HP. Push Ns shown on diagram to UWP. RC 114(126). Cast off with waste yarn.

LEFT BACK:
Knit as for Right Back but in reverse.

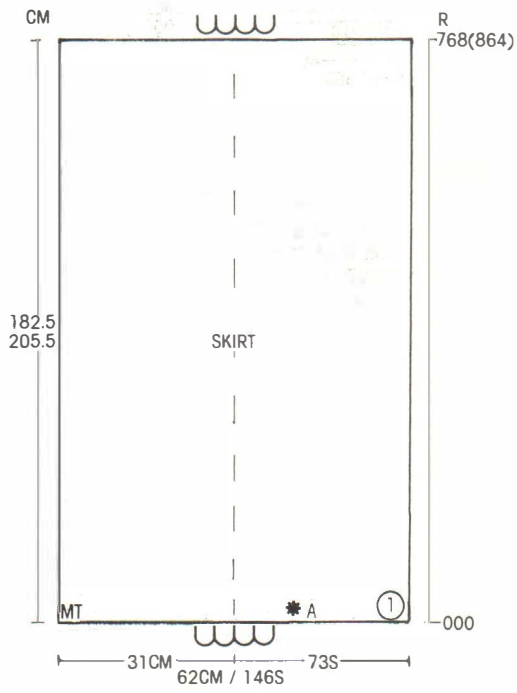
CENTRE FRONT PANEL:
Push 14 Ns at left and 13 Ns at right of centre O to WP. 27 Ns altog. Using col 1, cast on by hand. RC 000. MT+1. Knit 2 rows. Continue in lace pattern B, knit to Row 124(130). Cast off.

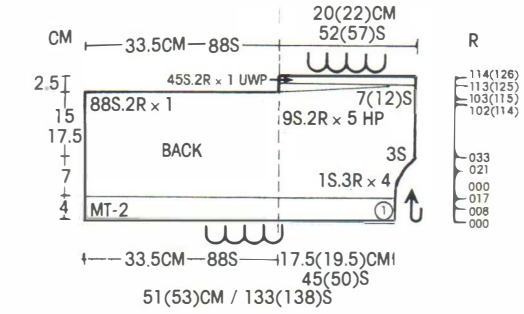
LEFT FRONT:
Push 88 Ns at left and 11(16) Ns at right of centre O to WP. 99(104) Ns altog. With wrong side of centre front panel facing and cast off edge at right, pick up sts along side edge and place onto Ns. RC 000. MT-2. Using col 1, knit 2 rows.
Shape Neck
Shape as shown on diagram to Row 13. Hem.
Shape as shown on diagram to Row 20. Transfer ev alt st onto adjacent N. Leave empty Ns in WP. Shape as shown on diagram to Row 26. Turn up a hem. Shape as shown on diagram. 140(145) sts. Knit to Row 41.
Hem.
Knit 7 rows. Transfer ev alt st onto adjacent N. Leave empty Ns in WP. Knit 6 rows. Turn up a hem. Knit to Row 69.
Hem.
Repeat from *to*. Knit to Row 127(139).
Shape Side Edge
Shape as shown on diagram to Row 128(140). 52(57) sts.
Shape Armhole
Set carr for partial knitting. Push Ns shown on diagram to HP. Push Ns shown on diagram to UWP. RC 139(151). Cast off with waste yarn.

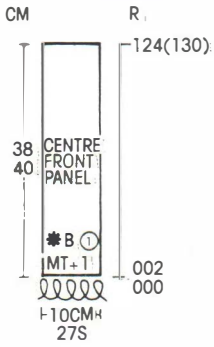
RIGHT FRONT:
Knit as for left front but in reverse.

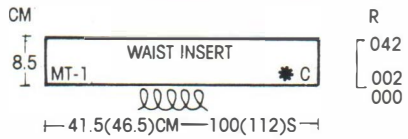
WAIST INSERTS:
Using col 1, cast on 100(112) sts by hand. RC 000. MT-1. Knit 2 rows. Continue in weaving pattern C, knit to Row 42. Cast off.

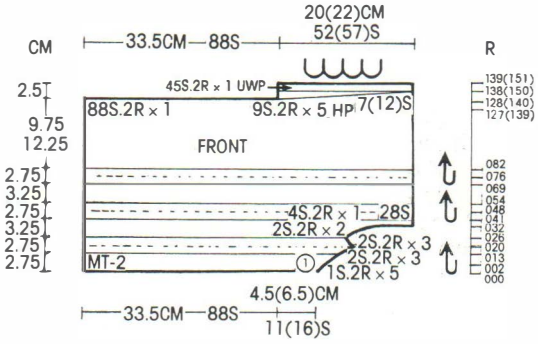
ARMHOLE BANDS:
Join shoulder seams, catching in hems. Push 102(112) Ns to WP. With wrong side facing, replace sts from armhole edge onto Ns. placing 2 sts tog onto centre 2 Ns. RC 000. MT-2. Using col 1, knit 7 rows. Transfer ev alt st onto adjacent N. Leave empty Ns in WP. Knit 6 rows. MT+2, knit 1 row. Cast off.

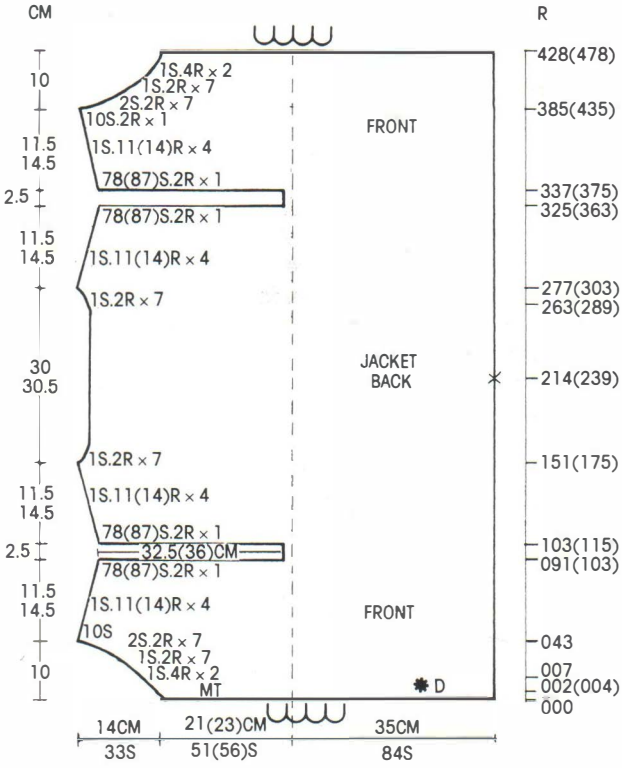


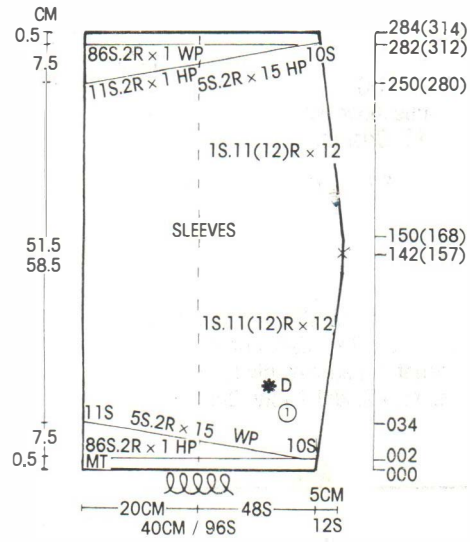












NECKBAND:
Using waste yarn, cast on 160 sts. RC 000. MT-2. Using col 1, knit 7 rows. Transfer ev alt st onto adjacent N. Leave empty Ns in WP. Knit 6 rows. MT+2, knit 1 row. Cast off.

TO MAKE UP:
Pin out to size and steam carefully. Graft skirt seam. Join side and waist insert seams. Pleat skirt on picot and tight rows, then join to waist insert. Join back and front to waist insert catching in ends of hems. Backstitch neckband into pos. Fold armhole bands and neckband in half and catch down on inside. Make 4 button loops on right back and sew on buttons to correspond. Work crab stitch around lower edge of skirt. Make a fabric skirt lining and attach to lower edge of waist insert.

JACKET

MAIN PART:
Push 51(56) Ns at left and 84 Ns at right of centre O to WP. 135(140) Ns altog. Cast on with waste yarn. RC 000. MT. Using col 1, knit 2(4) rows. Continue in weaving pattern D, knit to Row 7.
Shape Neck
Shape as shown on diagram. 168(173) sts.
Shape Shoulder
Shape as shown on diagram to Row 91(103). 164(169) sts.
Shape Armhole
Shape as shown on diagram. 86(82) sts. Knit to Row 103(115). Shape as shown on diagram.
Shape Shoulder
Shape as shown on diagram to Row 151(175). 168(173) sts.
Shape Back Neck
Shape as shown on diagram. 161(166) sts. Knit to Row 214(239). Mark right edge with waste yarn. Knit to Row 263(289). Shape as shown on diagram to Row 277(303). 168(173) sts.
Shape Shoulder
Shape as shown on diagram to Row 325(363). 164(169) sts.
Shape Armhole
Shape as shown on diagram. 86(82) sts. Knit to Row 337(375). Shape as shown on diagram.
Shape Shoulder
Shape as shown on diagram to Row 385(435). 168(173) sts.
Shape Neck
Shape as shown on diagram to Row 428(478). 135(140) sts. Cast off with waste yarn.

SLEEVES:
Push 48 Ns at left and right of centre O to WP. 96 Ns altog. Using col 1, cast on by hand. RC 000. MT. Knit 2 rows. Continue in weaving pattern D. Set carr for partial knitting. Shape as shown on diagram and push Ns shown on diagram to HP. Using a transfer tool, push Ns shown on diagram to WP. Knit to Row 142(157). 108 sts. Mark right edge with waste yarn. Knit to Row 150(168). Shape as shown on diagram to Row 250(280). Push Ns shown on diagram to HP. Using a transfer tool, push Ns shown on diagram to WP. 96 sts. RC 284(314). Cast off.

LOWER BANDS (2 pieces):
Using waste yarn, cast on 142(158) sts. RC 000. MT-2. Using col 1, knit 39 rows. MT, knit 1 row. MT-2, knit 38 rows. MT+2, knit 1 row. Cast off.

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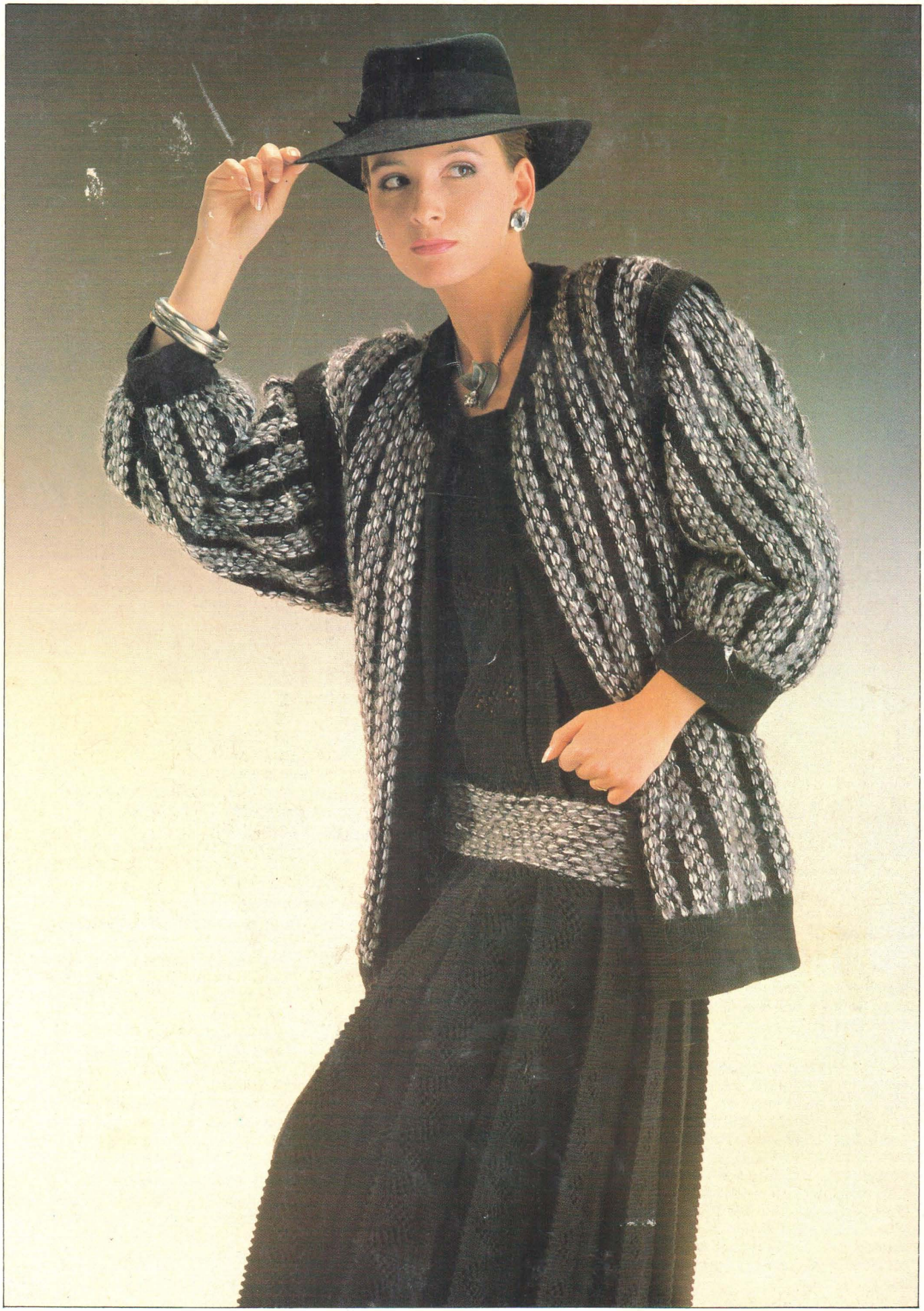
Pattern 12